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## PALM INTRANET

# Inventor Information for 10/776010

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US 20060063999 A1	US- PGPUB	20060323	37	User interface for guided radiation therapy	600/407	378/65	Herron; Matthew A. et al.
US 20060047277 A1	US- PGPUB	20060302		Hybrid lesion formation apparatus, systems and methods	606/41		Eberl; Greg et al.
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US 20060009762 A1	US- PGPUB	20060112	19	Vacuum coagulation probe for atrial fibrillation treatment	606/49		Whayne; James G.
US 20060004388 A1	US- PGPUB	20060105		System for tissue cavity closure	606/151		Whayne; James G. et al.
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US 20050267529 A1	US- PGPUB	20051201		Devices, systems and methods for tissue repair	606/215		Crockett, Heber et al.
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US 20050197693 A1	US- PGPUB	20050908		Systems for heart treatment	623/2.1		Pai, Suresh et al.
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US 20050171536 A1	US- PGPUB	20050804		Apparatus for mapping and coagulating soft tissue in or around body orifices	606/49	600/374; 600/381	Phan, Huy D. et al.
US 20050160750 A1	US- PGPUB	20050728		Automatic start/stop sequencing controls for a steam turbine powered chiller unit	62/228.1	62/228.4	Shaffer, Dennis Lee et al.
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US 20050143727 A1	US- PGPUB	20050630		Surgical probe for supporting inflatable therapeutic devices in contact with tissue in or around body orifices and within tumors	606/41		Koblish, Josef V. et al.
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US 20050119653 A1	US- PGPUB	20050602		Surgical methods and apparatus for forming lesions in tissue and confirming whether a therapeutic lesion has been formed	606/49	607/122	Swanson, David K.
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US 20050119648 A1	US- PGPUB	20050602		Surgical methods and apparatus for stimulating tissue	606/41		Swanson, David K.
US 20050119545 A1	US- PGPUB	20050602		Surgical methods and apparatus for maintaining contact between tissue and electrophysiology elements and confirming whether a therapeutic lesion has been formed	600/374	606/49; 607/122	Swanson, David K.
US 20050113635 A1	US- PGPUB	20050526		Heart support to prevent ventricular remodeling	600/37	600/16	Whayne, James G. et al.
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US 20050015083 A1	US- PGPUB	20050120		Loop structures for positioning a diagnostic or therapeutic element on the epicardium or other organ surface	606/41		Koblish, Josef V. et al.
US 20050010207 A1	US- PGPUB	20050113		Microporous electrode structure and method of making the same	606/41		Swanson, David K. et al.
US 20040215177 A1	US- PGPUB	20041028		Therapeutic apparatus having insulated region at the insertion area	606/21		Swanson, David K.
US 20040212915 A1	US- PGPUB	20041028		Tape drive servo operation by use of servo pattern width measurements	360/77.12	360/31; 360/78.02	Chliwnyj, Alex et al.
US 20040193149 A1	US- PGPUB	20040930		Cooled ablation catheter	606/41		Koblish, Josef V.
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US 20040087935 A1	US- PGPUB	20040506		Electrophysiological probes having tissue insulation and /or heating device cooling apparatus	606/41		Taimisto, Miriam H. et al.
US 20040068278 A1	US- PGPUB	20040408		Anastomosis systems	606/153		Fleischman, Sidney D. et al.
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US 20030216722 A1	US- PGPUB	20031120		Systems and methods for RF ablation using jet injection of a conductive fluid	606/32	606/34; 606/41	Swanson, David K.
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US 20030137768 A1	US- PGPUB	20030724		Active detection and acquisition of a servo track subject to lateral motion	360/77.12		Chliwnyj, Alex et al.
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US 20020004631 A1	US- PGPUB	20020110		Loop structures for supporting diagnostic and therapeutic elements in contact with body tissue	600/374	606/41	Jenkins, Thomas R. et al.
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US 20010044585 A1	US- PGPUB	20011122		Interactive systems and methods for controlling the use of diagnostic or therapeutic instruments in interior body regions	600/509		Dupree, Daniel A. et al.
US 20010041891 A1	US- PGPUB	20011115		Catheter having improved torque transmission capability and method of making the same	606/41		Thompson, Russell B. et al.
US 20010029366 A1	US- PGPUB	20011011		Composite structures and methods for ablating tissue to form complex lesion patterns in the treatment of cardiac conditions and the like	606/29	606/45	Swanson, David K. et al.
US 20010025175 A1	US- PGPUB	20010927		Expandable-collapsible electrode structures made of electrically conductive material	606/41	600/374; 606/34; 607/105; 607/113; 607/122; 607/99	Panescu, Dorin et al.
US 20010021867 A1	US- PGPUB	20010913		Cardiac mapping and ablation systems	607/112		Kordis, Thomas F. et al.
US 20010020174 A1	US- PGPUB	20010906		Helical and pre-oriented loop structures for supporting diagnostic and therapeutic elements in contact with body tissue	606/194		Koblish, Josef V.
US 20010020126 A1	US- PGPUB	20010906		SYSTEMS AND METHODS FOR VISUALIZING TISSUE DURING DIAGNOSTIC OR THERAPEUTIC PROCEDURES	600/407	600/466; 600/471; 600/478; 607/122	SWANSON, DAVID K. et al.
US 20010018918 A1	US- PGPUB	20010906		Systems and methods for preventing automatic identification of re-used single use devices	128/897		Burnside, Robert R. et al.
US 20010018608 A1	US- PGPUB	20010830		Systems and methods for examining the electrical characteristic of cardiac tissue	607/122	600/547	Panescu, Dorin et al.
US 20010014770	US- PGPUB	20010816		Resilient radiopaque electrophysiology	600/374	606/41; 607/113	Olson, Steven L. et al.

A1				electrodes and probes including the same			
US 20010012918 A1	US-PGPUB	20010809		Systems and methods for conducting electrophysiological testing using high-voltage energy pulses to stun tissue	600/510		Swanson, David K.
US 20010009976 A1	US-PGPUB	20010726		Systems for recording use of structures deployed in association with heart tissue	600/424	600/437; 600/439	Panescu, Dorin et al.
US 20010007927 A1	US-PGPUB	20010712		Loop structure having improved tissue contact capability	600/585		Koblish, Josef V. et al.
US 20010007071 A1	US-PGPUB	20010705		Surgical probe for supporting inflatable therapeutic devices in contact with tissue in or around body orifices and within tumors	606/41	607/113; 607/99	Koblish, Josef V. et al.
US 20010000791 A1	US-PGPUB	20010503		Ultrasound-guided ablation catheter and methods of use	600/439	606/41	Suorsa, Veijo T. et al.
US 7011655 B2	USPAT	20060314		Assemblies for creating compound curves in distal catheter regions	604/529	604/95.04	Thompson; Russell B. et al.
US 7008401 B2	USPAT	20060307		Assemblies for creating compound curves in distal catheter regions	604/95.04	604/528	Thompson; Russell B. et al.
US 7001570 B2	USPAT	20060221		Metal-made seamless pipe and process for production thereof	419/41	419/36	Niimi; Norikazu
US 6991616 B2	USPAT	20060131		Steerable device for introducing diagnostic and therapeutic apparatus into the body	604/95.01	600/585; 604/95.04	Bencini; Robert F. et al.
US 6979329 B2	USPAT	20051227		Medical probe with reduced number of temperature sensor wires	606/41		Burnside; Robert R. et al.
US 6972023 B2	USPAT	20051206		Distal anastomosis system	606/153	606/151	Whayne; James G. et al.
US 6957761 B2	USPAT	20051025		Inertia or friction welding of conical components into elliptically-shaped holes in	228/112.1	228/113; 228/114.5	Staheli; William D. et al.

			a pipe or tube			
US 6942661 B2	USPAT	20050913	Fluid cooled apparatus for supporting diagnostic and therapeutic elements in contact with tissue	606/41		Swanson; David K.
US 6939349 B2	USPAT	20050906	Structures for deploying electrode elements	606/41	600/374; 607/122	Fleischman; Sidney D. et al.
US 6932813 B2	USPAT	20050823	Ablation systems including insulated energy transmitting elements	606/41		Thompson; Russell B. et al.
US 6917834 B2	USPAT	20050712	Devices and methods for creating lesions in endocardial and surrounding tissue to isolate focal arrhythmia substrates	607/122	606/41; 607/105; 607/106; 607/113	Koblish; Josef V. et al.
US 6916306 B1	USPAT	20050712	Steerable loop structures for supporting diagnostic and therapeutic elements in contact with body tissue	604/95.04	604/95.01	Jenkins; Thomas R. et al.
US 6910349 B2	USPAT	20050628	Suction connection for dual centrifugal compressor refrigeration systems	62/515	62/478; 62/522	Bodell, II; Mark Robinson et al.
US 6908464 B2	USPAT	20050621	Loop structures for supporting diagnostic and therapeutic elements in contact with body tissue and expandable push devices for use with same	606/41	606/49; 606/50; 607/101	Jenkins; Thomas R. et al.
US 6908263 B1	USPAT	20050621	Mechanically stabilized earth wall systems and methods	405/284	405/262	Ruel; Steve et al.
US 6906881 B2	USPAT	20050614	Apparatus and method to erase a magnetic tape	360/66	360/69; 360/72.1; 360/77.12	Chliwnyj; Alex et al.
US 6904303 B2	USPAT	20050607	Apparatus for mapping and coagulating soft tissue in or around body orifices	600/374	600/381; 606/41; 606/49; 607/105; 607/113; 607/99	Phan; Huy D. et al.
US 6903895 B2	USPAT	20050607	Tape drive servo operation by use of servo pattern width measurements	360/78.02	360/77.12	Chliwnyj; Alex et al.

US 6895267 B2	USPAT	20050517	Systems and methods for guiding and locating functional elements on medical devices positioned in a body	600/424		Panescu; Dorin et al.
US 6893442 B2	USPAT	20050517	Vacuum coagulation probe for atrial fibrillation treatment	606/49	606/41	Whayne; James G.
US 6893437 B2	USPAT	20050517	Microporous electrode structure and method of making the same	606/41	606/49 CIPG 20060101 A A61B A61B18/14 L I R US M 20060101 CICL A61B CIPS A61B18/14 20060101 CIPG 20060101 A A61B A61B18/14 L I R US M 20060101 CICL A61B CIPS A61B18/14 20060101	Swanson; David K. et al.
US 6887249 B1	USPAT	20050503	Positioning systems for sutureless anastomosis systems	606/108	606/153; 623/1.11	Houser; Russell A. et al.
US 6887192 B1	USPAT	20050503	Heart support to prevent ventricular remodeling	600/16	623/3.1	Whayne; James G. et al.
US 6865052 B2	USPAT	20050308	Apparatus and method to calibrate servo sensors in a noisy environment	360/77.12		Chliwnyj; Alex et al.
US 6858035 B2	USPAT	20050222	Distal anastomosis system	606/153	606/151	Whayne; James G.
US 6843795 B1	USPAT	20050118	Anastomotic connector for sutureless anastomosis systems	606/153	623/1.11; 623/1.23	Houser; Russell A. et al.
US 6842304 B2	USPAT	20050111	Measurement of write track width for magnetic tape head	360/72.1	360/261.1	Chliwnyj; Alex et al.

US 6839197 B2	USPAT	20050104	Apparatus and method to calibrate one or more transducers in a noisy environment	360/77.12		Chliwnyj; Alex et al.
US 6837885 B2	USPAT	20050104	Surgical probe for supporting inflatable therapeutic devices in contact with tissue in or around body orifices and within tumors	606/41	606/28; 607/105	Koblish; Josef V. et al.
US 6836081 B2	USPAT	20041228	LED driver circuit and method	315/307	315/224; 315/308; 315/309	Swanson; David F. et al.
US 6833973 B2	USPAT	20041221	Apparatus and method to calibrate a servo sensor	360/77.12		Chliwnyj; Alex et al.
US 6831806 B2	USPAT	20041214	Apparatus and method to calibrate a servo sensor	360/77.12		Chliwnyj; Alex et al.
US 6831805 B2	USPAT	20041214	Apparatus and method to read and/or write information to a magnetic tape medium	360/77.12		Chliwnyj; Alex et al.
US 6831801 B2	USPAT	20041214	Eccentricity compensation in a web handling system	360/71	242/334.4	Chliwnyj; Alex et al.
US 6830576 B2	USPAT	20041214	Apparatus for electrically isolating a portion of the atria	606/139		Fleischman; Sidney D. et al.
US 6827714 B2	USPAT	20041207	Internal indifferent electrode device for use with lesion creation apparatus and method of forming lesions using the same	606/32	606/39; 606/41; 606/49	Swanson; David K.
US 6824515 B2	USPAT	20041130	Ultrasound-guided ablation catheter and methods of use	600/439	600/467; 601/2; 606/41; 607/99	Suorsa; Veijo T. et al.
US 6814731 B2	USPAT	20041109	Methods for RF ablation using jet injection of conductive fluid	606/32	606/34; 606/41	Swanson; David K.
US 6798608 B2	USPAT	20040928	Active detection and acquisition of a servo track subject to lateral motion	360/77.12	360/78.04	Chliwnyj; Alex et al.
US 6798607 B2	USPAT	20040928	Defined signal injection to calibrate servo index positions employing an independent position	360/77.12	360/75; 360/78.02	Chliwnyj; Alex et al.

			sensor			
US 6792390 B1	USPAT	20040914	Systems and methods to identify and disable re-used devices based on detecting environmental changes	702/183	128/897; 600/549	Burnside; Robert R. et al.
US 6789125 B1	USPAT	20040907	Distributed network traffic load balancing technique implemented without gateway router	709/238		Aviani; James et al.
US 6788969 B2	USPAT	20040907	Interactive systems and methods for controlling the use of diagnostic or therapeutic instruments in interior body regions	600/509	600/523	Dupree; Daniel A. et al.
US 6786905 B2	USPAT	20040907	Surgical method and apparatus for positioning a diagnostic or therapeutic element within the body	606/32	606/41; 606/49; 607/99	Swanson; David K. et al.
US 6768250 B2	USPAT	20040727	Color cathode-ray tube	313/407	313/402	Cho; Hyun-Shik
US 6752929 B1	USPAT	20040622	Methods of separating FTC isomers and derivatives thereof	210/659	210/198.2; 544/317	Zahr; Salah et al.
US 6745080 B2	USPAT	20040601	Helical and pre-oriented loop structures for supporting diagnostic and therapeutic elements in contact with body tissue	607/122		Koblish; Josef V.
US 6742044 B1	USPAT	20040525	Distributed network traffic load balancing technique implemented without gateway router	709/235	709/225; 709/226; 709/227; 709/229; 709/238	Aviani; James et al.
US 6740101 B2	USPAT	20040525	Sutureless anastomosis systems	606/153		Houser; Russell A. et al.
US 6736811 B2	USPAT	20040518	Expandable-collapsible electrode structures made of electrically conductive material	606/34	600/374; 606/41; 607/105; 607/113; 607/122; 607/99	Panescu; Dorin et al.
US 6731210 B2	USPAT	20040504	System and method for detecting, localizing, or classifying a disturbance	340/566	340/561; 340/668	Swanson; David C. et al.

				using a waveguide sensor system			
US 6718656 B2	USPAT	20040413		Shoes and braces with superelastic supports	36/88	36/89; 602/26; 602/27; 602/5; 602/62; 602/63; 602/65	Houser; Russell A. et al.
US 6711444 B2	USPAT	20040323		Methods of deploying helical diagnostic and therapeutic element supporting structures within the body	607/122	600/373	Koblish; Josef V.
US 6710527 B2	USPAT	20040323		Cathode ray tube with slit in dead space of shadow mask	313/402	313/403; 313/407; 313/408	Kobayashi; Hiroshi et al.
US 6702828 B2	USPAT	20040309		Anastomosis system	606/153	606/155	Whayne; James G.
US 6685400 B1	USPAT	20040203		Mechanically stabilized earth wall systems and methods	405/284	405/262	Ruel; Steve et al.
US 6679269 B2	USPAT	20040120		Systems and methods for conducting electrophysiological testing using high-voltage energy pulses to stun tissue	128/898	600/508; 606/41; 607/101	Swanson; David K.
US 6673290 B1	USPAT	20040106		Electrode structure for heating and ablating tissue and method for making and assembling the same	264/135	264/255; 264/275; 264/305; 264/317; 264/318; 264/DIG.44	Whayne; James G. et al.
US 6669911 B1	USPAT	20031230		Frame for multiwell tray	422/102	422/942; 422/99; 435/287.8; 435/288.2; 435/288.4	Swanson; David W.
US 6668198 B2	USPAT	20031223		Structures for supporting porous electrode elements	607/126	604/284	Swanson; David K et al.
US 6666527 B2	USPAT	20031223		Electro-hydraulic brake actuating device for a trailer	303/7	188/112R	Gill; George Patrick et al.
US 6658279 B2	USPAT	20031202		Ablation and imaging catheter	600/407	600/439; 607/122	Swanson; David K. et

							al.
US 6656174 B1	USPAT	20031202		Devices and methods for creating lesions in blood vessels without obstructing blood flow	606/41	606/159; 606/45; 607/122	Hegde; Anant V. et al.
US 6652544 B2	USPAT	20031125		Percutaneous bypass graft and securing system	606/153	623/1.12	Houser; Russell A. et al.
US 6652513 B2	USPAT	20031125		Tissue heating and ablation systems and methods which predict maximum tissue temperature	606/34	606/41; 606/42	Panescu; Dorin et al.
US 6648901 B2	USPAT	20031118		Anastomosis systems	606/155	623/1.1	Fleischman; Sidney D. et al.
US 6648900 B2	USPAT	20031118		Anastomosis systems	606/153	606/155	Fleischman; Sidney D. et al.
US 6645200 B1	USPAT	20031111		Method and apparatus for positioning a diagnostic or therapeutic element within the body and tip electrode for use with same	606/41	606/32; 606/34	Koblish; Josef V. et al.
US 6645199 B1	USPAT	20031111		Loop structures for supporting diagnostic and therapeutic elements contact with body tissue and expandable push devices for use with same	606/41	606/49; 606/50; 607/101	Jenkins; Thomas R. et al.
US 6640120 B1	USPAT	20031028		Probe assembly for mapping and ablating pulmonary vein tissue and method of using same	600/374	606/41; 607/101	Swanson; David K. et al.
US 6626920 B2	USPAT	20030930		Distal anastomosis system	606/153	606/151	Whayne; James G.
US 6625482 B1	USPAT	20030923		Graphical user interface for use with multiple electrode catheters	600/424	600/427	Panescu; Dorin et al.
US 6613046 B1	USPAT	20030902		Loop structures for supporting diagnostic and therapeutic elements in contact with body tissue	606/41	600/374; 606/47; 606/49; 607/122; 607/99	Jenkins; Thomas R. et al.
US 6611793 B1	USPAT	20030826		Systems and methods to identify and disable re-use	702/183	128/897; 600/549	Burnside; Robert R. et

				single use devices based on detecting environmental changes			al.
US 6610055 B1	USPAT	20030826		Surgical method for positioning a diagnostic or therapeutic element on the epicardium or other organ surface	606/41	606/49; 607/122; 607/99	Swanson; David K. et al.
US 6607505 B1	USPAT	20030819		Catheter distal assembly with pull wires	604/95.04	600/372; 600/434; 604/22; 606/41	Thompson; Russell B. et al.
US 6602278 B1	USPAT	20030805		Devices for supporting diagnostic or therapeutic elements and assemblies for creating curves in the distal regions thereof	604/95.04	604/528	Thompson; Russell B. et al.
US 6599302 B2	USPAT	20030729		Aortic aneurysm treatment systems	606/153	606/149; 606/155; 623/23.64	Houser; Russell A. et al.
US 6597955 B2	USPAT	20030722		Systems and methods for examining the electrical characteristic of cardiac tissue	607/122	606/41; 607/101; 607/116	Panescu; Dorin et al.
US 6596100 B2	USPAT	20030722		Metal-made seamless pipe and process for production thereof	148/421	148/422; 148/423	Niimi; Norikazu
US 6579288 B1	USPAT	20030617		Fluid cooled apparatus for supporting diagnostic and therapeutic elements in contact with tissue	606/41	606/31; 606/34	Swanson; David K. et al.
US 6578579 B2	USPAT	20030617		Systems and methods for preventing automatic identification of re-used single use devices	128/897		Burnside; Robert R. et al.
US 6570310 B1	USPAT	20030527		Shadow-mask type color cathode-ray tube	313/403	313/408	Aibara; Nobumitsu
US 6565511 B2	USPAT	20030520		Systems for recording use of structures deployed in association with heart tissue	600/437		Panescu; Dorin et al.
US 6542781 B1	USPAT	20030401		Loop structures for supporting diagnostic and therapeutic elements in contact with body tissue	607/122		Koblish; Josef V. et al.
US 6542773	USPAT	20030401		Interactive systems and	600/509		Dupree;

B2				methods for controlling the use of diagnostic or therapeutic instruments in interior body regions			Daniel A. et al.
US 6541631 B1	USPAT	20030401		Methods of separating FTC isomers and derivatives thereof	544/317		Zahr; Salah et al.
US 6540743 B2	USPAT	20030401		Resilient radiopaque electrophysiology electrodes and probes including the same	606/41	600/374	Olson; Steven L. et al.
US 6529756 B1	USPAT	20030304		Apparatus for mapping and coagulating soft tissue in or around body orifices	600/374	600/381; 606/41; 606/49; 607/105; 607/113; 607/99	Phan; Huy D. et al.
US 6522913 B2	USPAT	20030218		Systems and methods for visualizing tissue during diagnostic or therapeutic procedures	600/478	607/122	Swanson; David K. et al.
US 6516807 B1	USPAT	20030211		System and methods for locating and guiding operative elements within interior body regions	128/899	600/374; 606/34; 606/41; 607/122	Panescu; Dorin et al.
US 6515112 B2	USPAT	20030204		Cores for technetium radiopharmaceuticals	534/14	536/16	Archer; Colin M. et al.
US 6514246 B1	USPAT	20030204		Systems and methods for forming large lesions in body tissue using curvilinear electrode elements	606/41	600/374	Swanson; David K. et al.
US 6511478 B1	USPAT	20030128		Medical probe with reduced number of temperature sensor wires	606/41	600/549; 606/32; 606/34	Burnside; Robert R. et al.
US 6509679 B1	USPAT	20030121		Tension mask and frame with mechanical connection means	313/407		Ligthart; Henricus J. et al.
US 6508765 B2	USPAT	20030121		Ultrasound-guided ablation catheter and methods of use	600/439	600/467; 601/2; 606/41; 607/99	Suorsa; Veijo T. et al.
US 6500172 B1	USPAT	20021231		Systems and methods for controlling tissue ablation using multiple temperature sensing elements	606/31	600/549; 606/42; 607/102	Panescu; Dorin et al.

US 6494889 B1	USPAT	20021217	Additional sutureless anastomosis embodiments	606/155	606/153	Fleischman; Sidney D. et al.
US 6494880 B1	USPAT	20021217	Systems and methods for controlling power in an electrosurgical probe	606/40	606/34; 606/49	Swanson; David K. et al.
US 6491681 B1	USPAT	20021210	Handle for use with steerable device for introducing diagnostic and therapeutic elements into the body	604/528	604/164.13	Kunis; Christopher G. et al.
US 6490468 B2	USPAT	20021203	Systems for recording use of structures deployed in association with heart tissue	600/407	600/371	Panescu; Dorin et al.
US 6488679 B1	USPAT	20021203	Systems and methods for controlling power in an electrosurgical probe	606/40	606/34; 606/42	Swanson; David K et al.
US 6487441 B1	USPAT	20021126	Systems and methods for acquiring and analyzing electrograms in myocardial tissue	600/510		Swanson; David K. et al.
US 6485455 B1	USPAT	20021126	Catheter steering assembly providing asymmetric left and right curve configurations	604/95.04	604/528	Thompson; Russell B. et al.
US 6475213 B1	USPAT	20021105	Method of ablating body tissue	606/34	600/374; 606/41; 607/105; 607/113; 607/122; 607/99	Whayne; James G. et al.
US 6471699 B1	USPAT	20021029	Systems and methods for forming elongated lesion patterns in body tissue using straight or curvilinear electrode elements	606/41	600/374; 607/101	Fleischman; Sidney D. et al.
US 6468272 B1	USPAT	20021022	Surgical probe for supporting diagnostic and therapeutic elements in contact with tissue in or around body orifices	606/41	600/374; 600/393; 606/46; 606/47; 606/49; 607/99	Koblish; Josef V. et al.
US 6464700 B1	USPAT	20021015	Loop structures for positioning a diagnostic or	606/41	600/374; 606/49;	Koblish; Josef V. et al.

				therapeutic element on the epicardium or other organ surface		607/99	
US 6464699 B1	USPAT	20021015		Method and apparatus for positioning a diagnostic or therapeutic element on body tissue and mask element for use with same	606/41	606/32; 606/34	Swanson; David K.
US 6462221 B1	USPAT	20021008		Synthesis of nitroalcohol diastereomers	560/22	562/402; 562/437; 564/355	Gabriel; Richard L. et al.
US 6461858 B1	USPAT	20021008		Enzyme activated supports for enantiomeric separations	435/280	210/640; 210/660; 210/661; 210/662	Gabriel; Richard L. et al.
US 6456864 B1	USPAT	20020924		Systems and methods for guiding movable electrode elements within multiple-electrode structures	600/374	600/509; 606/34; 606/41; 607/122	Swanson; David K. et al.
US 6456863 B1	USPAT	20020924		Molded catheter distal end assembly and process for the manufacture thereof	600/374	606/41	Levin; Steven E. et al.
US 6454766 B1	USPAT	20020924		Microporous electrode structure and method of making the same	606/41	606/45; 606/49	Swanson; David K. et al.
US 6454758 B1	USPAT	20020924		Loop structures for supporting multiple electrode elements	604/528	604/22	Thompson; Russell B. et al.
US 6447506 B1	USPAT	20020910		Systems and methods for creating long, thin lesions in body tissue	606/41	606/42; 607/101	Swanson; David K. et al.
US 6428537 B1	USPAT	20020806		Electrophysiological treatment methods and apparatus employing high voltage pulse to render tissue temporarily unresponsive	606/41	607/122	Swanson; David K. et al.
US 6428536 B2	USPAT	20020806		Expandable-collapsible electrode structures made of electrically conductive material	606/34	600/374; 606/41; 607/105; 607/113; 607/122; 607/99	Panescu; Dorin et al.
US 6426607 B1	USPAT	20020730		Programmable system and method for regulating an alternator	320/150	320/137	Merlo; Mauro et al.

US 6425895 B1	USPAT	20020730	Surgical apparatus for positioning a diagnostic or therapeutic element within the body	606/41	606/49; 607/99	Swanson; David K. et al.
US 6421556 B2	USPAT	20020716	Systems and methods for conducting electrophysiological testing using high-voltage energy pulses to stun tissue	600/510		Swanson; David K.
US 6416505 B1	USPAT	20020709	Surgical method and apparatus for positioning a diagnostic or therapeutic element within the body and pressure application probe for use with same	606/1	606/108; 606/41	Fleischman; Sidney D. et al.
US 6413234 B1	USPAT	20020702	Assemblies for creating compound curves in distal catheter regions	604/95.04	600/434	Thompson; Russell B. et al.
US 6402746 B1	USPAT	20020611	Branched structures for supporting multiple electrode elements	606/41	128/898; 607/122	Whayne; James G et al.
US 6395325 B1	USPAT	20020528	Porous membranes	427/2.11	427/2.24; 427/2.3; 427/2.31; 427/243; 427/244; 427/245; 427/282; 427/407.1	Hedge; Anant V. et al.
US 6392577 B1	USPAT	20020521	System and method for regulating an alternator	341/144	323/263	Swanson; David F. et al.
US 6389311 B1	USPAT	20020514	Systems and methods using annotated images for controlling the use of diagnostic or therapeutic instruments in interior body regions	600/523		Whayne; James G. et al.
US 6387092 B1	USPAT	20020514	Systems and methods to identify and disable re-used single use devices based on time elapsed from first therapeutic use	606/32	606/41; 606/42	Burnside; Robert R. et al.
US 6384522 B1	USPAT	20020507	Color cathode ray tube for reducing landing drift of	313/402	313/407	Tani; Munechika et

				electron beams on phosphor layers			al.
US 6383958 B1	USPAT	20020507		Nonwoven sheets, adhesive articles, and methods for making the same	442/151	428/141; 428/196; 428/343; 428/352; 428/354; 442/327; 442/334; 442/336; 442/337; 442/394; 442/65	Swanson; David P. et al.
US 6379366 B1	USPAT	20020430		Devices for installing stasis reducing means in body tissue	606/139		Fleischman; Sidney D. et al.
US 6370435 B2	USPAT	20020409		Systems and methods for examining the electrical characteristic of cardiac tissue	607/122	600/374; 600/547; 606/41; 607/101	Panescu; Dorin et al.
US 6369465 B1	USPAT	20020409		Power supply for use in electrophysiological apparatus employing high-voltage pulses to render tissue temporarily unresponsive	307/112	307/115	Swanson; David K.
US 6365665 B1	USPAT	20020402		Composition and method for enhancing the surface adhesion of polyurethane foam to surfaces of thermoplastic blends	524/508	428/319.3; 428/319.7; 428/319.9; 524/115; 524/127; 524/505; 525/132; 525/133; 525/151; 525/92D	Chao; Herbert Shin-I et al.
US 6362578 B1	USPAT	20020326		LED driver circuit and method	315/307	315/209R; 315/308; 363/89	Swanson; David F. et al.
US 6361559 B1	USPAT	20020326		Thermal securing anastomosis systems	623/1.36	606/213	Houser; Russell A. et al.
US 6360128 B2	USPAT	20020319		Cardiac mapping and ablation systems	607/122	128/898; 600/374	Kordis; Thomas F. et al.
US 6357447	USPAT	20020319		Surface coatings for	128/898	600/374;	Swanson;

B1				catheters, direct contacting diagnostic and therapeutic devices		606/41	David K. et al.
US 6353751 B1	USPAT	20020305		Systems and methods for guiding movable electrode elements within multiple-electrodes structures	600/374	600/509; 606/34; 606/41; 607/122	Swanson; David K. et al.
US 6351062 B1	USPAT	20020226		Cathode ray tube having high and low refractive index films on the outer face of the glass panel thereof	313/478	313/479	Nishizawa; Masahiro et al.
US 6342757 B1	USPAT	20020129		Cathode ray tube for multimedia	313/403		Shin; Hyun-jung et al.
US 6341853 B1	USPAT	20020129		Continuous refill of spring bag reservoir in an ink-jet swath printer/plotter	347/87		Scheffelin; Joseph E. et al.
US 6332880 B1	USPAT	20011225		Loop structures for supporting multiple electrode elements	604/528	604/533; 604/95.04; 607/122	Yang; Yi et al.
US 6330473 B1	USPAT	20011211		Structures for supporting porous electrode elements	604/21	606/41; 607/113; 607/122; 607/153; 607/99	Swanson; David K et al.
US 6329513 B1	USPAT	20011211		Cores for technetium radiopharmaceuticals	534/14	536/16	Archer; Colin M. et al.
US 6313573 B1	USPAT	20011106		Shadow mask for cathode ray tube and method of manufacturing same	313/402	445/47	Moon; Sung-hwan et al.
US 6303216 B1	USPAT	20011016		Composition and method for enhancing the surface adhesion of polyurethane foam to surfaces of thermoplastic blends	428/319.3	428/319.7; 428/319.9; 428/424.2; 428/424.8; 428/523	Chao; Herbert Shin-I et al.
US 6293955 B1	USPAT	20010925		Percutaneous bypass graft and securing system	606/153		Houser; Russell A. et al.
US 6293943 B1	USPAT	20010925		Tissue heating and ablation systems and methods which predict maximum tissue temperature	606/41	606/27; 606/31; 606/33; 606/34; 606/42	Panescu; Dorin et al.
US 6289239 B1	USPAT	20010911		Interactive systems and methods for controlling the use of diagnostic or	600/523		Panescu; Dorin et al.

				therapeutic instruments in interior body regions			
US 6287301 B1	USPAT	20010911		Catheter having improved torque transmission capability and method of making the same	606/33	604/524	Thompson; Russell B. et al.
US 6267760 B1	USPAT	20010731		Surgical method and apparatus for positioning a diagnostic or therapeutic element within the body and forming an incision in tissue with minimal blood loss	606/49	606/41	Swanson; David K.
US 6256540 B1	USPAT	20010703		Systems and methods for examining the electrical characteristic of cardiac tissue	607/122	600/374; 600/547; 606/41; 607/101	Panescu; Dorin et al.
US 6256525 B1	USPAT	20010703		Catheter distal end assemblies with bonded surface coatings	600/373	600/374; 606/41	Yang; Yi et al.
US 6248075 B1	USPAT	20010619		Method and apparatus for fixing the anatomical orientation of a displayed ultrasound generated image	600/463	600/466	McGee; David L. et al.
US 6245068 B1	USPAT	20010612		Resilient radiopaque electrophysiology electrodes and probes including the same	606/41	600/374	Olson; Steven L. et al.
US 6245065 B1	USPAT	20010612		Systems and methods for controlling power in an electrosurgical probe	606/40	606/49; 606/50	Panescu; Dorin et al.
US 6245061 B1	USPAT	20010612		Tissue heating and ablation systems and methods using self-heated electrodes	606/27	606/101; 606/41; 606/96	Panescu; Dorin et al.
US 6241754 B1	USPAT	20010605		Composite structures and methods for ablating tissue to form complex lesion patterns in the treatment of cardiac conditions and the like	607/99	600/373; 607/122	Swanson; David K. et al.
US 6241724 B1	USPAT	20010605		Systems and methods for creating lesions in body tissue using segmented electrode assemblies	606/41	600/374; 606/34; 607/122; 607/99	Fleischman; Sidney D. et al.

US 6237604 B1	USPAT	20010529	Systems and methods for preventing automatic identification of re-used single use devices	128/897		Burnside; Robert R. et al.
US 6233491 B1	USPAT	20010515	Cardiac mapping and ablation systems	607/122	600/374	Kordis; Thomas F. et al.
US 6221013 B1	USPAT	20010424	Systems for recording use of structures deployed in association with heart tissue	600/437	600/424	Panescu; Dorin et al.
US 6217585 B1	USPAT	20010417	Mechanical stent and graft delivery system	606/108	606/198	Houser; Russell A. et al.
US 6217528 B1	USPAT	20010417	Loop structure having improved tissue contact capability	600/585		Koblish; Josef V. et al.
US 6216043 B1	USPAT	20010410	Asymmetric multiple electrode support structures	607/122	600/374; 606/41	Swanson; David K. et al.
US 6215930 B1	USPAT	20010410	Remote-splitter fiber optic cable	385/100	385/109; 385/112	Estes; Daniel L. et al.
US 6214002 B1	USPAT	20010410	Structures and methods for deploying electrode elements	606/41	600/374; 607/122; 607/99	Fleischman; Sidney D. et al.
US 6212426 B1	USPAT	20010403	Systems and methods for conducting electrophysiological testing using high-voltage energy pulses to stun tissue	600/510	606/34	Swanson; David K.
US 6206831 B1	USPAT	20010327	Ultrasound-guided ablation catheter and methods of use	600/439	600/467; 601/2; 606/41; 607/99	Suorsa; Veijo T. et al.
US 6206515 B1	USPAT	20010327	Double compartment ink-jet cartridge with optimum snout	347/87	347/104	Swanson; David W. et al.
US 6203525 B1	USPAT	20010320	Catheterdistal assembly with pull wires	604/95.01	604/528	Whayne; James G. et al.
US 6197021 B1	USPAT	20010306	Systems and methods for controlling tissue ablation using multiple temperature sensing elements	606/31	600/549; 606/42; 607/102	Panescu; Dorin et al.
US 6192266	USPAT	20010220	Systems and methods for	600/427	600/523	Dupree;

B1				controlling the use of diagnostic or therapeutic instruments in interior body regions using real and idealized images			Daniel A. et al.
US 6188924 B1	USPAT	20010213		Systems and methods for acquiring making time-sequential measurements of biopotentials sensed in myocardial tissue	600/510		Swanson; David K. et al.
US 6183468 B1	USPAT	20010206		Systems and methods for controlling power in an electrosurgical probe	606/40	606/34; 606/49	Swanson; David K. et al.
US 6179835 B1	USPAT	20010130		Expandable-collapsible electrode structures made of electrically conductive material	606/41	600/374; 606/34; 607/105; 607/113; 607/122; 607/99	Panescu; Dorin et al.
US 6171306 B1	USPAT	20010109		Systems and methods for forming large lesions in body tissue using curvilinear electrode elements	606/41	600/374; 607/101	Swanson; David K. et al.
US 6165169 A	USPAT	20001226		Systems and methods for identifying the physical, mechanical, and functional attributes of multiple electrode arrays	606/1	606/41; 607/122	Panescu; Dorin et al.
US 6163716 A	USPAT	20001219		Cardiac mapping and ablation systems	600/374	128/898; 29/592.1; 606/41; 607/122	Edwards; Stuart D. et al.
US 6163109 A	USPAT	20001219		Cathode ray tube having high and low refractive index films on the outer face of the glass panel thereof	313/498	313/479	Nishizawa; Masahiro et al.
US 6162184 A	USPAT	20001219		Systems and methods for sensing temperature within the body	600/549	606/31; 606/42	Swanson; David K. et al.
US 6152955 A	USPAT	20001128		Implantable conformal coil patch electrode with multiple conductive elements for cardioversion and defibrillation	607/129		KenKnight; Bruce H. et al.

US 6152920 A	USPAT	20001128	Surgical method and apparatus for positioning a diagnostic or therapeutic element within the body	606/41	600/374; 600/393; 606/46; 606/47; 606/49; 607/99	Thompson; Russell B. et al.
US 6149681 A	USPAT	20001121	Radially expanding prostheses and systems for their deployment	623/1.12		Houser; Russell A. et al.
US 6147161 A	USPAT	20001114	Composition and method for enhancing the surface adhesion of polyurethane foam to surfaces of thermoplastic blends	525/132	524/127; 524/508; 525/133; 525/66; 525/92D	Chao; Herbert Shin-I et al.
US 6146379 A	USPAT	20001114	Systems and methods for creating curvilinear lesions in body tissue	606/41	600/374; 607/101	Fleischman; Sidney D. et al.
US 6142994 A	USPAT	20001107	Surgical method and apparatus for positioning a diagnostic a therapeutic element within the body	606/41	606/49; 607/99	Swanson; David K. et al.
US 6142993 A	USPAT	20001107	Collapsible spline structure using a balloon as an expanding actuator	606/41	600/374; 600/393; 607/113; 607/122; 607/99	Whayne; James et al.
US 6132438 A	USPAT	20001017	Devices for installing stasis reducing means in body tissue	606/139	606/151	Fleischman; Sidney D. et al.
US 6129724 A	USPAT	20001010	Systems and methods for forming elongated lesion patterns in body tissue using straight or curvilinear electrode elements	606/41	606/42; 607/101	Fleischman; Sidney D. et al.
US 6124440 A	USPAT	20000926	Cores for technetium radiopharmaceuticals	534/14	534/16	Archer; Colin M. et al.
US 6123702 A	USPAT	20000926	Systems and methods for controlling power in an electrosurgical probe	606/34	606/42; 606/49	Swanson; David K. et al.
US 6122622 A	USPAT	20000919	Computer aided system for compliance with chemical control laws	705/28	264/400; 705/9	Wiitala; Keith William et al.
US 6122601 A	USPAT	20000919	Compacted material density measurement and compaction tracking	702/137	702/33	Swanson; David C. et al.

			system			
US 6120496 A	USPAT	20000919	Surgical method and apparatus for positioning a diagnostic or therapeutic element within the body and coupling device for use with same	606/1	128/DIG.26; 606/41	Whayne; James G. et al.
US 6115626 A	USPAT	20000905	Systems and methods using annotated images for controlling the use of diagnostic or therapeutic instruments in instruments in interior body regions	600/427	600/523	Whayne; James G. et al.
US 6113591 A	USPAT	20000905	Systems and methods for sensing sub-surface temperatures in body tissue	606/34	606/40; 606/50; 606/51	Whayne; James G. et al.
US 6107699 A	USPAT	20000822	Power supply for use in electrophysiological apparatus employing high-voltage pulses to render tissue temporarily unresponsive	307/112	307/115	Swanson; David K.
US 6106522 A	USPAT	20000822	Systems and methods for forming elongated lesion patterns in body tissue using straight or curvilinear electrode elements	606/41	600/374; 606/42; 607/122	Fleischman; Sidney D. et al.
US 6106460 A	USPAT	20000822	Interface for controlling the display of images of diagnostic or therapeutic instruments in interior body regions and related data	600/300		Panescu; Dorin et al.
US 6101409 A	USPAT	20000808	Systems and methods for analyzing biopotential morphologies in body tissue	600/510		Swanson; David K. et al.
US 6099526 A	USPAT	20000808	Electrode structure including hydrophilic material	606/41	600/374; 607/105; 607/113; 607/122; 607/99	Whayne; James G. et al.
US 6097976 A	USPAT	20000801	Catheter distal end assemblies with bonded	600/373	600/374; 606/41	Yang; Yi et al.

			surface coatings			
US 6095150 A	USPAT	20000801	Systems and methods for locating and guiding operative elements within interior body regions	128/899	600/374; 606/34; 606/41; 607/122	Panescu; Dorin et al.
US 6088614 A	USPAT	20000711	Tissue characterization to identify an ablation site	600/510	600/374; 606/41	Swanson; David K.
US 6086532 A	USPAT	20000711	Systems for recording use of structures deployed in association with heart tissue	600/437		Panescu; Dorin et al.
US 6086288 A	USPAT	20000711	Systems and methods for connecting retaining wall panels to buried mesh	405/262	405/284; 405/286	Ruel; Steve et al.
US 6083222 A	USPAT	20000704	Deflectable catheter for ablating cardiac tissue	606/41	600/374; 606/49; 606/52	Klein; George J. et al.
US 6078830 A	USPAT	20000620	Molded catheter distal end assembly and process for the manufacture thereof	600/374	606/41; 607/101	Levin; Steven E. et al.
US 6076012 A	USPAT	20000613	Structures for supporting porous electrode elements	604/21	606/41; 607/113; 607/122; 607/153; 607/99	Swanson; David K et al.
US 6071281 A	USPAT	20000606	Surgical method and apparatus for positioning a diagnostic or therapeutic element within the body and remote power control unit for use with same	606/41	606/37; 606/42; 606/45; 606/51	Burnside; Robert et al.
US 6071279 A	USPAT	20000606	Branched structures for supporting multiple electrode elements	606/41	607/101; 607/122	Whayne; James G et al.
US 6071278 A	USPAT	20000606	Tissue heating and ablation systems and methods using porous electrode structures with specified electrical resistivities	606/34	606/41; 607/105; 607/113; 607/122; 607/99	Panescu; Dorin et al.
US 6071274 A	USPAT	20000606	Loop structures for supporting multiple electrode elements	604/528	604/533; 607/122	Thompson; Russell B. et al.
US 6070094 A	USPAT	20000530	Systems and methods for guiding movable electrode elements within multiple-	600/374	600/439; 600/467; 600/509;	Swanson; David K. et al.

				electrode structures		606/34; 606/41; 607/122	
US 6063318 A	USPAT	20000516		Method of forming a catheter body from tubing segments	264/248	156/304.2; 156/304.3; 156/304.6	Houser; Russell A. et al.
US 6056745 A	USPAT	20000502		Systems and methods for obtaining desired lesion characteristics while ablating body tissue	606/42	606/31; 606/41; 607/102	Panescu; Dorin et al.
US 6053912 A	USPAT	20000425		Systems and methods for sensing sub-surface temperatures in body tissue during ablation with actively cooled electrodes	606/40	606/31; 606/34; 606/38; 606/42; 606/49; 607/102; 607/104; 607/105; 607/113; 607/99	Panescu; Dorin et al.
US 6053607 A	USPAT	20000425		Negative pressure ink delivery system	347/87		Kaplinsky; George et al.
US 6052607 A	USPAT	20000418		Cardiac mapping and ablation systems	600/374	29/825; 606/41; 607/122	Edwards; Stuart D. et al.
US 6049732 A	USPAT	20000411		Electrophysiological interface system for use with multiple electrode catheters	600/523	600/427	Panescu; Dorin et al.
US 6048329 A	USPAT	20000411		Catheter distal assembly with pull wires	604/95.04	600/374; 600/393; 604/528; 607/122	Thompson; Russell B. et al.
US 6047218 A	USPAT	20000404		Systems and methods for visualizing interior tissue regions	607/122	600/466	Whayne; James G. et al.
US 6047211 A	USPAT	20000404		Dual capacitor biphasic defibrillator waveform generator employing selective connection of capacitors for each phase	607/5	607/74	Swanson; David K. et al.
US 6038483 A	USPAT	20000314		Implantable conformal coil patch electrode with multiple conductive elements for cardioversion and defibrillation	607/129		KenKnight; Bruce H. et al.

US 6033610 A	USPAT	20000307		Two material frame having dissimilar properties for thermal ink-jet cartridge	264/250	264/255; 264/259; 264/274; 264/275	Swanson; David W. et al.
US 6033378 A	USPAT	20000307		Catheter steering mechanism	604/95.01	604/528	Lundquist; Ingemar et al.
US 6032079 A	USPAT	20000229		Implantable conformal coil electrode with multiple conductive elements for cardioversion and defibrillation	607/129		KenKnight; Bruce H. et al.
US 6032061 A	USPAT	20000229		Catheter carrying an electrode and methods of assembly	600/372	600/374; 607/116; 607/119	Koblish; Josef
US 6030382 A	USPAT	20000229		Flexible tissue ablation elements for making long lesions	606/41	600/374; 606/42; 607/102	Fleischman; Sidney D. et al.
US 6030075 A	USPAT	20000229		Common ink-jet cartridge platform for different printheads	347/87	347/49	Swanson; David W. et al.
US 6027451 A	USPAT	20000222		Method and apparatus for fixing the anatomical orientation of a displayed ultrasound generated image	600/463	600/466	McGee; David L. et al.
US 6026332 A	USPAT	20000215		Implantable conformal coil patch electrode with multiple conductive elements for cardioversion and defibrillation	607/129		KenKnight; Bruce H. et al.
US 6023638 A	USPAT	20000208		System and method for conducting electrophysiological testing using high-voltage energy pulses to stun tissue	600/510	606/41	Swanson; David K.
US 6022346 A	USPAT	20000208		Tissue heating and ablation systems and methods using self-heated electrodes	606/27	606/41; 607/101; 607/96	Panescu; Dorin et al.
US 6014590 A	USPAT	20000111		Systems and methods employing structures having asymmetric mechanical properties to support diagnostic or therapeutic elements in	607/122	600/374; 606/41	Whayne; James G. et al.

				contact with tissue in interior body regions			
US 6014581 A	USPAT	20000111		Interface for performing a diagnostic or therapeutic procedure on heart tissue with an electrode structure	600/523		Whayne; James G. et al.
US 6010056 A	USPAT	20000104		Gimbal horn pressure head with shape of pivot rod bearing corresponding to shape of contact surface	228/44.3	228/102; 228/180.21; 228/212; 228/4.1	Swanson; David W.
US 6009563 A	USPAT	20000104		Sports safety helmet	2/425	2/422; 362/105; 455/100; 455/351; 455/575.2; 455/90.1	Swanson; David A. et al.
US 6006978 A	USPAT	19991228		Pressure head with pivot rod gimbal horn with zero adjust	228/44.7	228/102; 228/212; 228/4.1; 228/44.3	Swanson; David W.
US 6003984 A	USPAT	19991221		Ink-jet swath printer with auxiliary ink reservoir	347/86	347/85	Bohorquez; Jaime H. et al.
US 6003304 A	USPAT	19991221		Generator power electrically heated catalyst system	60/274	219/202; 219/508; 322/28; 60/284; 60/300	Swanson; David Frank et al.
US 6001979 A	USPAT	19991214		Cores for technetium radiopharmaceuticals	534/14	534/16	Archer; Colin M. et al.
US 6001093 A	USPAT	19991214		Systems and methods for creating long, thin lesions in body tissue	606/41	600/374; 607/101	Swanson; David K. et al.
US 5996434 A	USPAT	19991207		Pressure head with dual horns	74/110	100/269.2; 228/5.5; 267/160	Swanson; David W.
US 5991650 A	USPAT	19991123		Surface coatings for catheters, direct contacting diagnostic and therapeutic devices	600/374	600/372; 606/41	Swanson; David K. et al.
US 5989276 A	USPAT	19991123		Percutaneous bypass graft and securing system	606/170	606/139	Houser; Russell A. et al.
US 5987034 A	USPAT	19991116		ATM cells within frame relay technology	370/465	370/474	Simon; Robert et al.
US 5984917	USPAT	19991116		Device and method for	606/32	606/139;	Fleischman;

A				remote insertion of a closed loop		606/144; 606/151	Sidney D. et al.
US 5984907 A	USPAT	19991116		Transition sleeve assembly for catheters	604/525	604/264; 604/523; 604/95.01	McGee; David et al.
US 5968040 A	USPAT	19991019		Systems and methods using asymmetric multiple electrode arrays	606/41	600/374; 607/122	Swanson; David K. et al.
US 5962976 A	USPAT	19991005		Molybdenum foils with yttrium oxide and recrystallization grains no more than 50 microns within the pinch seals of a metallic halide lamp	313/623	313/318.07; 445/27	Irisawa; Shinichi et al.
US 5961513 A	USPAT	19991005		Tissue heating and ablation systems and methods using porous electrode structures	606/34	606/41; 607/105; 607/113; 607/122; 607/99	Swanson; David K. et al.
US 5957863 A	USPAT	19990928		Deflectable biopsy catheter	600/567		Koblish; Josef V. et al.
US 5954662 A	USPAT	19990921		Systems and methods for acquiring endocardially or epicardially paced electrocardiograms	600/510		Swanson; David K. et al.
US 5954661 A	USPAT	19990921		Tissue characterization and treatment using pacing	600/510		Greenspon; Arnold J. et al.
US 5953033 A	USPAT	19990914		Compact fluid coupler for thermal inkjet print cartridge ink reservoir	347/87		Salter; James G. et al.
US 5941251 A	USPAT	19990824		Systems for locating and guiding operative elements within interior body regions	128/899	600/374; 606/34; 606/41; 607/122	Panescu; Dorin et al.
US 5935079 A	USPAT	19990810		Systems and methods for positioning multiple electrode structures in electrical contact with the myocardium	600/509	600/374; 600/381; 600/547; 607/122	Swanson; David K. et al.
US 5928228 A	USPAT	19990727		Flexible high density multiple electrode circuit assemblies employing ribbon cable	606/41	600/374; 607/122	Kordis; Thomas F. et al.
US 5925038 A	USPAT	19990720		Expandable-collapsible electrode structures for	606/41	600/374; 606/34;	Panescu; Dorin et al.

				capacitive coupling to tissue		607/105; 607/113; 607/122; 607/99	
US 5924198 A	USPAT	19990720		Method of forming an ink-resistant seal between a printhead assembly and the headland region of an ink-jet pen cartridge.	29/890.1		Swanson; David W. et al.
US 5921978 A	USPAT	19990713		Catheter tip steering plane marker	604/529	604/523; 604/95.01	Thompson; Russell B. et al.
US 5921923 A	USPAT	19990713		Method for locating accessory pathways in the heart using multiple pairs of sensing electrodes	600/373	607/122; 607/99	Kuck; Karl Heinz et al.
US 5916243 A	USPAT	19990629		Implantable conformal coil patch electrode with multiple conductive elements for cardioversion and defibrillation	607/129		KenKnight; Bruce H. et al.
US 5916163 A	USPAT	19990629		Graphical user interface for use with multiple electrode catheters	600/424	600/374	Panescu; Dorin et al.
US 5911739 A	USPAT	19990615		Structures for supporting diagnostic or therapeutic elements in internal body regions	607/122	606/41; 607/116	Kordis; Thomas F. et al.
US 5910129 A	USPAT	19990608		Catheter distal assembly with pull wires	604/95.03	604/159; 604/525; 604/529	Koblish; Josef V. et al.
US 5908445 A	USPAT	19990601		Systems for visualizing interior tissue regions including an actuator to move imaging element	607/122	600/466	Whayne; James G. et al.
US 5906590 A	USPAT	19990525		Bidirectional steerable catheter with deflectable distal tip	604/95.01	604/264	Hunjan; Kulbir Singh et al.
US 5904680 A	USPAT	19990518		Multiple electrode support structures having optimal bio-mechanical characteristics	606/41	600/374; 607/122	Kordis; Thomas F. et al.
US 5904651 A	USPAT	19990518		Systems and methods for visualizing tissue during diagnostic or therapeutic procedures	600/407	600/342; 600/373; 600/478; 607/122	Swanson; David K. et al.

US 5903295 A	USPAT	19990511	Compliant headland design for thermal ink-jet pen	347/87		Swanson; David W. et al.
US 5902291 A	USPAT	19990511	Spring assembly for catheter	604/524	604/264; 604/529; 604/530	Houser; Russell A. et al.
US 5898451 A	USPAT	19990427	Method for ink-jet printing using a collapsible ink reservoir structure and printer ink cartridge	347/87		Kaplinsky; George T. et al.
US 5896153 A	USPAT	19990420	Leak resistant two-material frame for ink-jet print cartridge	347/87		Swanson; David W. et al.
US 5891136 A	USPAT	19990406	Expandable-collapsible mesh electrode structures	606/41	600/374; 606/34; 607/122; 607/99	McGee; David et al.
US 5891135 A	USPAT	19990406	Stem elements for securing tubing and electrical wires to expandable-collapsible electrode structures	606/41	600/374; 604/103; 607/122; 607/99	Jackson; Jerome et al.
US 5891088 A	USPAT	19990406	Catheter steering assembly providing asymmetric left and right curve configurations	604/95.04	604/524	Thompson; Russell B. et al.
US 5887479 A	USPAT	19990330	Liquid-level gauge driver circuit	73/290R	340/618	Swanson; David F.
US 5879348 A	USPAT	19990309	Electrode structures formed from flexible, porous, or woven materials	606/41	600/374; 607/105; 607/113; 607/122; 607/99	Owens; Patrick M. et al.
US 5877590 A	USPAT	19990302	Discharge lamp arc tube and method of producing the same	313/623	313/624; 313/625	Fukuyo; Takeshi et al.
US 5876336 A	USPAT	19990302	Systems and methods for guiding movable electrode elements within multiple-electrode structure	600/374	600/509; 606/34; 606/41; 607/122	Swanson; David K. et al.
US 5874978 A	USPAT	19990223	Method for filling and fabricating ink jet cartridge	347/87		Swanson; David W. et al.
US 5871483 A	USPAT	19990216	Folding electrode structures	606/41	600/374; 606/34; 607/105; 607/113;	Jackson; Jerome et al.

						607/122; 607/99	
US 5871443 A	USPAT	19990216		Cardiac mapping and ablation systems	600/374		Edwards; Stuart D. et al.
US 5870125 A	USPAT	19990209		Thin pen structure for thermal ink-jet printer	347/87		Swanson; David W. et al.
US 5868736 A	USPAT	19990209		Systems and methods to control tissue heating or ablation with porous electrode structures	606/34	606/41; 607/105; 607/113; 607/122; 607/99	Swanson; David K. et al.
US 5866797 A	USPAT	19990202		Liquid level gauge interface system having dynamic offset	73/1.88	73/291	Swanson; David F.
US 5865800 A	USPAT	19990202		Deflectable catheter	604/95.04	606/41	Mirarchi; Thomas F. et al.
US 5865791 A	USPAT	19990202		Atrial appendage stasis reduction procedure and devices	604/500	606/194	Whayne; James G. et al.
US 5860920 A	USPAT	19990119		Systems for locating and ablating accessory pathways in the heart	600/374	600/509; 606/41; 607/122	McGee; David L. et al.
US 5855592 A	USPAT	19990105		Systems and methods for multi-site cardiac defibrillation using multiple electrode structures	607/4	600/374	McGee; David et al.
US 5855560 A	USPAT	19990105		Catheter tip assembly	600/585	600/433; 600/434; 604/528	Idaomi; Michael et al.
US 5855552 A	USPAT	19990105		Catheter having ring electrodes secured thereon	600/374	600/393; 606/41; 607/122	Houser; Russell A. et al.
US 5853411 A	USPAT	19981229		Enhanced electrical connections for electrode structures	606/41	600/374; 607/122; 607/99	Whayne; James G. et al.
US 5853409 A	USPAT	19981229		Systems and apparatus for sensing temperature in body tissue	606/31	600/374; 600/549; 606/42; 607/102	Swanson; David K. et al.
US 5848969 A	USPAT	19981215		Systems and methods for visualizing interior tissue regions using expandable	600/462	600/439; 600/463	Panescu; Dorin et al.

				imaging structures			
US 5846239 A	USPAT	19981208		Tissue heating and ablation systems and methods using segmented porous electrode structures	606/41	607/105; 607/113; 607/122; 607/99	Swanson; David K. et al.
US 5846238 A	USPAT	19981208		Expandable-collapsible electrode structures with distal end steering or manipulation	606/41	600/374; 606/34; 607/122; 607/99	Jackson; Jerome et al.
US 5840076 A	USPAT	19981124		Tissue heating and ablation systems and methods using electrode structures with distally oriented porous regions	606/34	606/41; 607/105; 607/113; 607/122; 607/99	Swanson; David K. et al.
US 5836947 A	USPAT	19981117		Flexible structures having movable splines for supporting electrode elements	606/47	606/41; 607/122	Fleischman; Sidney D. et al.
US 5836874 A	USPAT	19981117		Multi-function electrode structures for electrically analyzing and heating body tissue	600/374	606/41; 607/122; 607/99	Swanson; David K. et al.
US 5833621 A	USPAT	19981110		Systems and methods for matching electrical characteristics and propagation velocities in cardiac tissue	600/509		Panescu; Dorin et al.
US 5830213 A	USPAT	19981103		Systems for heating and ablating tissue using multifunctional electrode structures	606/41	600/374; 607/105; 607/113; 607/122; 607/99	Panescu; Dorin et al.
US 5820591 A	USPAT	19981013		Assemblies for creating compound curves in distal catheter regions	604/95.01	604/529	Thompson; Russell B. et al.
US 5810802 A	USPAT	19980922		Systems and methods for controlling tissue ablation using multiple temperature sensing elements	606/31	606/41; 607/101	Panescu; Dorin et al.
US 5800432 A	USPAT	19980901		Systems and methods for actively cooling ablation electrodes using diodes	606/49	600/549; 606/34; 606/41; 606/42; 607/102; 607/105; 607/20;	Swanson; David K.

						607/99	
US 5797905 A	USPAT	19980825		Flexible tissue ablation elements for making long lesions	606/41	607/122	Fleischman; Sidney D. et al.
US 5797903 A	USPAT	19980825		Tissue heating and ablation systems and methods using porous electrode structures with electrically conductive surfaces	606/34	600/374; 606/41; 607/105; 607/113; 607/122; 607/99	Swanson; David K. et al.
US 5795303 A	USPAT	19980818		Systems and methods for making time-sequential measurements of biopotentials sensed in myocardial tissue	600/509	600/510	Swanson; David K. et al.
US 5792064 A	USPAT	19980811		Systems and methods for analyzing cardiac biopotential morphologies by cross-correlation	600/510		Panescu; Dorin et al.
US 5788645 A	USPAT	19980804		Method and apparatus for event processing in biological application	600/516	600/515	Swanson; David K. et al.
US 5788258 A	USPAT	19980804		Folding ball hitch with recessed safety chain attachment	280/491.1	280/457; 280/901	Gill; George P. et al.
US 5782826 A	USPAT	19980721		System and methods for detecting ancillary tissue near tissue targeted for ablation	606/34		Swanson; David K.
US 5781390 A	USPAT	19980714		Integrated supply protection	361/84	307/127; 361/91.5	Notaro; Joseph et al.
US 5779646 A	USPAT	19980714		Deflectable biopsy catheter	600/567		Koblish; Josef V. et al.
US 5769847 A	USPAT	19980623		Systems and methods for controlling tissue ablation using multiple temperature sensing elements	606/42	606/31; 606/48; 607/101	Panescu; Dorin Nmi et al.
US 5767882 A	USPAT	19980616		Collapsible ink reservoir structure and printer ink cartridge	347/87		Kaplinsky; George T. et al.
US 5759158 A	USPAT	19980602		Systems and methods for conducting electrophysiological testing using high-voltage energy pulses to stun heart tissue	600/508		Swanson; David K.

US 5757406 A	USPAT	19980526	Negative pressure ink delivery system	347/87		Kaplinsky; George et al.
US 5757390 A	USPAT	19980526	Ink volume sensing and replenishing system	347/7	347/85	Gragg; Brian D. et al.
US 5756196 A	USPAT	19980526	Composition and method for enhancing the surface adhesion of polyurethane foam to surfaces of thermoplastic blends	428/319.3	428/424.8; 428/523	Chao; Herbert Shin-I et al.
US 5755715 A	USPAT	19980526	Tissue heating and ablation systems and methods using time-variable set point temperature curves for monitoring and control	606/31	606/42; 607/102	Stern; Roger A. et al.
US 5754207 A	USPAT	19980519	Volume indicating ink reservoir cartridge system	347/86	347/7	Gragg; Brian D. et al.
US 5752518 A	USPAT	19980519	Systems and methods for visualizing interior regions of the body	600/424	600/466	McGee; David et al.
US 5751323 A	USPAT	19980512	Adhesiveless printhead attachment for ink-jet pen	347/87		Swanson; David W. et al.
US 5748215 A	USPAT	19980505	Ink-jet printer including ink cartridge with optimum snout and alignment surfaces	347/87	347/104	Swanson; David W. et al.
US 5745137 A	USPAT	19980428	Continuous refill of spring bag reservoir in an ink-jet swath printer/plotter	347/85	347/50	Scheffelin; Joseph E. et al.
US 5740808 A	USPAT	19980421	Systems and methods for guiding diagnostic or therapeutic devices in interior tissue regions	600/424	600/585	Panescu; Dorin et al.
US 5737002 A	USPAT	19980407	Two material frame having dissimilar properties for thermal ink-jet cartridge	347/86		Swanson; David W. et al.
US 5735846 A	USPAT	19980407	Systems and methods for ablating body tissue using predicted maximum tissue temperature	606/41	606/31; 606/42; 607/102	Panescu; Dorin et al.
US 5732698 A	USPAT	19980331	Systems for examining the electrical characteristics of cardiac tissue while minimizing contact with blood within the heart	600/374	600/393; 607/122	Swanson; David K. et al.

US 5722416 A	USPAT	19980303	Systems and methods for analyzing biopotential morphologies in heart tissue to locate potential ablation sites	600/509	600/510; 607/101	Swanson; David K. et al.
US 5722403 A	USPAT	19980303	Systems and methods using a porous electrode for ablating and visualizing interior tissue regions	600/373	607/120; 607/122	McGee; David et al.
US 5722402 A	USPAT	19980303	Systems and methods for guiding movable electrode elements within multiple-electrode structures	600/374	600/393; 600/509; 606/34; 606/41; 607/122	Swanson; David K. et al.
US 5715832 A	USPAT	19980210	Deflectable biopsy catheter	600/564		Koblish; Josef V. et al.
US 5712669 A	USPAT	19980127	Common ink-jet cartridge platform for different printheads	347/49	347/87	Swanson; David W. et al.
US 5711305 A	USPAT	19980127	Systems and methods for acquiring endocardially or epicardially paced electrocardiograms	600/510	600/374	Swanson; David K. et al.
US 5702386 A	USPAT	19971230	Non-linear control systems and methods for heating and ablating body tissue	606/34	606/31; 606/38; 606/42; 606/45; 607/102	Stern; Roger A. et al.
US 5695853 A	USPAT	19971209	High visibility fabric and safety vest	428/171	2/102; 428/172; 428/323; 428/373; 442/164; 442/364	Billingsley; Britton G. et al.
US 5688267 A	USPAT	19971118	Systems and methods for sensing multiple temperature conditions during tissue ablation	606/41	606/31; 606/42; 606/45; 607/102; 607/122	Panescu; Dorin et al.
US 5686949 A	USPAT	19971111	Compliant headland design for thermal ink-jet pen	347/87		Swanson; David W. et al.
US 5684521 A	USPAT	19971104	Compact fluid coupler for thermal inkjet print cartridge ink reservoir	347/87		Salter; James G. et al.

US 5673695 A	USPAT	19971007		Methods for locating and ablating accessory pathways in the heart	600/374	606/41; 607/101; 607/122; 607/148	McGee; David L. et al.
US 5666036 A	USPAT	19970909		Circuit for driving the motor of a temperature blend door	318/295	318/266; 318/286; 318/293	Swanson; David Frank
US 5659222 A	USPAT	19970819		Vacuum sealed incandescent lamp with improved filament support structure	313/578	313/275; 313/279; 313/315; 313/331; 313/623	Ragsdale; Charles R. et al.
US 5656030 A	USPAT	19970812		Bidirectional steerable catheter with deflectable distal tip	604/95.01	604/264	Hunjan; Kulbir Singh et al.
US 5647870 A	USPAT	19970715		Multiple electrode support structures	606/41	607/122	Kordis; Thomas F. et al.
US 5646665 A	USPAT	19970708		Side biased datum scheme for inkjet cartridge and carriage	347/87		Swanson; David W. et al.
US 5640186 A	USPAT	19970617		Two material frame having dissimilar properties for thermal ink-jet cartridge	347/86	220/62.11; 428/35.7	Swanson; David W. et al.
US 5637166 A	USPAT	19970610		Similar material thermal tab attachment process for ink-jet pen	156/73.1	156/292; 156/293; 156/309.6; 264/445; 347/50	Swanson; David W. et al.
US 5637090 A	USPAT	19970610		Multiple electrode element for mapping and ablating heart tissue	604/95.01	607/14; 607/9	McGee; David L. et al.
US 5634938 A	USPAT	19970603		Defibrillator waveform generator for generating waveform of long duration	607/5	607/7; 607/74	Swanson; David K. et al.
US 5630425 A	USPAT	19970520		Systems and methods for adaptive filtering artifacts from composite signals	600/508	128/901; 600/374; 600/529; 600/544; 600/546; 708/322	Panescu; Dorin et al.
US 5617128 A	USPAT	19970401		Alignment of multiple nozzle members in a printer	347/87	347/47; 347/49	Thoman; Jeffrey A. et al.
US 5610644 A	USPAT	19970311		Thermal ink-jet pen with a plastic/metal attachment	347/87	29/453; 29/890.1	Timm, Jr.; Dale D. et al.

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US 5609157 A	USPAT	19970311		Systems and methods for analyzing biopotential morphologies in body tissue using iterative techniques	600/510	600/515	Panescu; Dorin et al.
US 5606141 A	USPAT	19970225		Electrical conductor in lamps	75/235	252/512; 252/515; 252/520.2; 252/520.5; 252/521.1; 313/341; 75/245	Leichtfried; Gerhard
US 5605157 A	USPAT	19970225		Systems and methods for filtering signals derived from biological events	600/508		Panescu; Dorin et al.
US 5603732 A	USPAT	19970218		Subcutaneous defibrillation electrodes	607/129	607/148; 607/152	Dahl; Roger W. et al.
US 5601088 A	USPAT	19970211		Systems and methods for filtering artifacts from composite signals	600/510	128/901; 600/529; 600/544; 600/546; 708/322	Swanson; David K. et al.
US D377740 S	USPAT	19970204		Travel holder receptive to varying sizes of beverage containers	D7/619.1		Swanson; David A.
US 5598848 A	USPAT	19970204		Systems and methods for positioning multiple electrode structures in electrical contact with the myocardium	600/508	600/374; 600/547; 607/122	Swanson; David K. et al.
US 5595183 A	USPAT	19970121		Systems and methods for examining heart tissue employing multiple electrode structures and roving electrodes	600/510	600/374; 607/122	Swanson; David K. et al.
US 5594483 A	USPAT	19970114		Ink-jet cartridge with ink filtration	347/87	347/93	Kaplinsky; George T. et al.
US 5589576 A	USPAT	19961231		Cores for technetium radiopharmaceuticals	534/14		Archer; Colin M. et al.
US 5582609 A	USPAT	19961210		Systems and methods for forming large lesions in body tissue using curvilinear electrode elements	606/39	606/33; 606/45; 607/101; 607/122	Swanson; David K. et al.

US 5577509 A	USPAT	19961126		Systems and methods for examining the electrical characteristics and timing of electrical events in cardiac tissue	600/508		Panescu; Dorin N. et al.
US 5577494 A	USPAT	19961126		Superabsorbent fiber compositions demonstrating efficient retention of exhaled heat and moisture	128/201.13	128/204.13; 128/204.17; 128/205.12	Kuypers; Maurice H. et al.
US 5575810 A	USPAT	19961119		Composite structures and methods for ablating tissue to form complex lesion patterns in the treatment of cardiac conditions and the like	607/99	607/119; 607/122; 607/148	Swanson; David K. et al.
US 5574490 A	USPAT	19961112		Ink jet hard copy apparatus ink cartridge	347/87		Gragg; Brian D. et al.
US 5573522 A	USPAT	19961112		Spring assembly for catheter	604/526	604/264; 604/524	Houser; Russell A. et al.
US 5569221 A	USPAT	19961029		Catheter component bond and method	604/524		Houser; Russell A. et al.
US 5562619 A	USPAT	19961008		Deflectable catheter	604/95.04	604/264; 604/528; 606/32	Mirarchi; Thomas F. et al.
US 5549661 A	USPAT	19960827		Systems and methods for creating complex lesion patterns in body tissue	607/99	600/374	Kordis; Thomas F. et al.
US 5549108 A	USPAT	19960827		Cardiac mapping and ablation systems	600/381	607/122	Edwards; Stuart D. et al.
US 5546940 A	USPAT	19960820		System and method for matching electrical characteristics and propagation velocities in cardiac tissue to locate potential ablation sites	600/374	600/547; 606/27; 606/41; 607/122; 607/148; 607/96	Panescu; Dorin et al.
US 5545202 A	USPAT	19960813		Body implantable defibrillation system	607/129	607/116; 607/119	Dahl; Roger W. et al.
US 5538586 A	USPAT	19960723		Adhesiveless encapsulation of tab circuit traces for ink-jet pen	156/309.6	264/149; 264/272.11; 29/841; 347/20; 347/50	Swanson; David W. et al.

US 5537133 A	USPAT	19960716		Restraining element for a print cartridge body to reduce thermally induced stress	347/18	347/63	Marler; Jaren D. et al.
US 5531779 A	USPAT	19960702		Stent-type defibrillation electrode structures	607/119	600/381; 607/122; 607/5	Dahl; Roger W. et al.
US 5531686 A	USPAT	19960702		Catheter steering mechanism	604/95.04	604/528	Lundquist; Ingemar et al.
US 5524337 A	USPAT	19960611		Method of securing ring electrodes onto catheter	29/825	156/86; 174/DIG.8	Houser; Russell A. et al.
US 5519284 A	USPAT	19960521		Short pumping stem for flat display screens	313/495	313/493; 313/623	Pepi; Richard
US 5515092 A	USPAT	19960507		Two material frame having dissimilar properties for thermal ink-jet cartridge	347/87		Swanson; David W. et al.
US 5509419 A	USPAT	19960423		Cardiac mapping and ablation systems	600/393	606/41; 607/122	Edwards; Stuart D. et al.
US 5496362 A	USPAT	19960305		Implantable conformal coil patch electrode with multiple conductive elements for cardioversion and defibrillation	607/129		KenKnight; Bruce H. et al.
US 5494042 A	USPAT	19960227		Systems and methods for deriving electrical characteristics of cardiac tissue for output in iso-characteristic displays	600/508	600/374	Panescu; Dorin et al.
US 5491502 A	USPAT	19960213		Thin pen structure for thermal ink-jet printer	347/87		Swanson; David W. et al.
US 5489275 A	USPAT	19960206		Identification ring for catheter	604/264	604/111; 604/533	Thompson; Russell B. et al.
US 5485849 A	USPAT	19960123		System and methods for matching electrical characteristics and propagation velocities in cardiac tissue	600/512	600/374; 600/508; 607/119	Panescu; Dorin et al.
US 5478628 A	USPAT	19951226		Non-woven fluorescent retroreflelative fabric	428/171	428/172; 442/132	Billingsley; Britton G. et al.
US 5476495 A	USPAT	19951219		Cardiac mapping and ablation systems	607/122	600/374	Kordis; Thomas F. et

							al.
US 5468254 A	USPAT	19951121		Method and apparatus for defibrillation using a multiphasic truncated exponential waveform	607/5		Hahn; Stephen J. et al.
US 5464578 A	USPAT	19951107		Method of making a compact fluid coupler for thermal inkjet print cartridge ink reservoir	264/250	264/255; 264/259; 264/274; 264/275; 347/87	Salter; James G. et al.
US 5460077 A	USPAT	19951024		Linear thruster with compliant head	92/84	92/165R	Swanson; David W.
US 5451995 A	USPAT	19950919		Rigid loop case structure for thermal ink-jet pen	347/87	220/611	Swanson; David W. et al.
US 5448818 A	USPAT	19950912		Method of assembly of a collapsible ink reservoir structure	29/509	228/173.1; 29/469.5; 29/773; 29/890.1; 29/890.126; 347/86	Scheffelin; Joseph E. et al.
US D361343 S	USPAT	19950815		Compact ink-jet print cartridge	D18/56	347/87	Kaplinsky; George et al.
US 5421899 A	USPAT	19950606		Method for cleaning manufacturing lubricants and coolants from metal containers	134/10	134/26; 134/40	Hamilton; C. Richard et al.
US 5411525 A	USPAT	19950502		Dual capacitor biphasic defibrillator waveform generator employing selective connection of capacitors for each phase	607/5	607/74	Swanson; David K. et al.
US 5408746 A	USPAT	19950425		Datum formation for improved alignment of multiple nozzle members in a printer	29/890.1	29/890.142; 347/47; 347/49; 347/87	Thoman; Jeffrey A. et al.
US 5398683 A	USPAT	19950321		Combination monophasic action potential/ablation catheter and high-performance filter system	600/374	607/116; 607/122; 607/154	Edwards; Stuart D. et al.
US 5395327 A	USPAT	19950307		Catheter steering mechanism	604/528	600/434; 600/585; 604/95.04	Lundquist; Ingemar et al.
US 5374179 A	USPAT	19941220		Multi-temperature film die	425/384	156/251; 156/290; 156/308.4;	Swanson; David W.

						156/515; 156/530; 156/69; 264/163; 264/327; 264/519; 264/522; 425/387.1; 425/407	
US 5372606 A	USPAT	19941213		Method and apparatus for generating adaptive n-phasic defibrillation waveforms	607/6	607/8	Lang; Douglas J. et al.
US 5372195 A	USPAT	19941213		Method for directional hydraulic fracturing	166/308.1	166/281; 299/21	Swanson; David E. et al.
US D353156 S	USPAT	19941206		Compact ink-jet print cartridge	D18/56	347/86	Kaplinsky; George et al.
US 5366496 A	USPAT	19941122		Subcutaneous shunted coil electrode	607/132	607/119	Dahl; Roger W. et al.
US 5363861 A	USPAT	19941115		Electrode tip assembly with variable resistance to bending	600/585	600/372; 604/264; 604/95.04; 606/129; 607/115; 607/122	Edwards; Stuart D. et al.
US 5360442 A	USPAT	19941101		Subcutaneous defibrillation electrodes	607/129	607/116; 607/119	Dahl; Roger W. et al.
US 5358478 A	USPAT	19941025		Catheter steering assembly providing asymmetric left and right curve configurations	604/95.04	604/528	Thompson; Russell B. et al.
US D351652 S	USPAT	19941018		Steerable medical catheter handle	D24/138	D24/112; D24/133	Thompson; Russell B. et al.
US 5354437 A	USPAT	19941011		Multi-element microelectropolishing method	205/646		Lee; Peter J.
US 5342407 A	USPAT	19940830		Body implantable defibrillation system	607/129	607/5	Dahl; Roger W. et al.
US 5336182 A	USPAT	19940809		Catheter steering mechanism	604/528	138/118; 600/434; 600/585	Lundquist; Ingemar et al.
US 5334145 A	USPAT	19940802		Torquable catheter	604/95.04		Lundquist; Ingemar H. et al.

US 5328467 A	USPAT	19940712	Catheter having a torque transmitting sleeve	604/95.01	600/373; 607/122	Edwards; Stuart D. et al.
US 5326571 A	USPAT	19940705	Dosage forms comprising polymers comprising different molecular weights	424/473	424/468; 424/472	Wright; Jeri D. et al.
US 5314459 A	USPAT	19940524	Defibrillation electrode system having smooth current distribution with floating electrode	607/122	607/116; 607/119; 607/129; 607/148	Swanson; David K. et al.
US 5311874 A	USPAT	19940517	Method for tachycardia discrimination	600/518		Baumann; Lawrence S. et al.
US 5309910 A	USPAT	19940510	Cardiac mapping and ablation systems	600/381	607/122	Edwards; Stuart D. et al.
US 5275162 A	USPAT	19940104	Valve mapping catheter	600/374	607/122	Edwards; Stuart D. et al.
US 5273535 A	USPAT	19931228	Catheter with electrode tip having asymmetric left and right curve configurations	604/95.01	600/585	Edwards; Stuart D. et al.
US 5271417 A	USPAT	19931221	Defibrillation electrode having smooth current distribution	607/122		Swanson; David K. et al.
US 5264230 A	USPAT	19931123	Process for making toroidal wieners	426/413	426/414; 426/512; 53/469; 53/476; 53/479	Swanson; David
US 5257451 A	USPAT	19931102	Method of making durable sleeve for enclosing a bendable electrode tip assembly	29/825	156/85; 156/86; 174/DIG.8; 29/868	Edwards; Stuart D. et al.
US 5254088 A	USPAT	19931019	Catheter steering mechanism	604/95.04	600/585	Lundquist; Ingemar et al.
US 5248343 A	USPAT	19930928	Method for finishing metal containers	134/10	134/26; 134/40; 427/327; 427/353	Hamilton; C. Richard et al.
US 5230337 A	USPAT	19930727	Process for implanting subcutaneous defibrillation electrodes	607/5	607/119	Dahl; Roger W. et al.
US 5217125 A	USPAT	19930608	Collapsible rack for use in transport car storage	211/195	108/132	Swanson; David G.

US 5208037 A	USPAT	19930504	Dosage forms comprising polymers comprising different molecular weights	424/473	424/472; 424/486	Wright; Jeri D. et al.
US 5203348 A	USPAT	19930420	Subcutaneous defibrillation electrodes	607/129	600/377	Dahl; Roger W. et al.
US 5195968 A	USPAT	19930323	Catheter steering mechanism	604/95.04	600/585	Lundquist; Ingemar et al.
US 5189275 A	USPAT	19930223	Printed circuit assembly with contact dot	219/56.22	29/846; 29/879	Avellino; Frank J. et al.
US 5186942 A	USPAT	19930216	Nicardipine therapy	424/473	424/468; 424/472	Deters; Joseph C. et al.
US 5145135 A	USPAT	19920908	Object support rack	248/201	211/60.1	Thompson; Alex
US 5133510 A	USPAT	19920728	Column wire winding apparatus	242/438.1	182/133; 242/418	Davis; Edgar A. et al.
US 5111812 A	USPAT	19920512	Defibrillation electrode having smooth current distribution	607/2		Swanson; David K. et al.
US 5107834 A	USPAT	19920428	Low energy multiple shock defibrillation/cardioversion discharge technique and electrode configuration	607/5		Ideker; Raymond E. et al.
US 5101578 A	USPAT	19920407	System and process for drying a moving sheet	34/623	392/417	Swanson; David
US 5096716 A	USPAT	19920317	Dosage form for administering calcium antagonist nicardipine	424/473	424/472; 424/484	Deters; Joseph C. et al.
US 5090422 A	USPAT	19920225	Implantable electrode pouch	607/119	600/375	Dahl; Roger W. et al.
US 5065587 A	USPAT	19911119	Compartmentalized transport refrigeration system	62/131	200/61.62; 236/1R; 62/200; 62/239; 62/267	Howland; Leland L. et al.
US 5030456 A	USPAT	19910709	Dosage form for treating cardiovascular diseases	424/473	424/468	Ayer; Atul D. et al.
US 5018523 A	USPAT	19910528	Apparatus for common mode stimulation with bipolar sensing	607/2	128/902	Bach, Jr.; Stanley M. et al.
US 4966237 A	USPAT	19901030	Method of effecting expanding chemical anchor/seals for rock cavities	166/292	166/281; 405/263; 405/266	Swanson; David E. et al.

US 4950486 A	USPAT	19900821	Dosage form for treating cardiovascular diseases	424/473	424/468	Ayer; Atul D. et al.
US 4946687 A	USPAT	19900807	Dosage form for treating cardiovascular diseases	424/473	424/468	Ayer; Atul D. et al.
US 4925522 A	USPAT	19900515	Printed circuit assembly with contact dot	216/20	216/100; 216/41; 228/254	Avellino; Frank J. et al.
US D306537 S	USPAT	19900313	Display case	D6/472		Swanson; David L. et al.
US D306110 S	USPAT	19900220	Object support rack	D6/553	D8/373	Thompson; Alex et al.
US 4902054 A	USPAT	19900220	Safety device for disabling a screen door latching mechanism	292/254	292/150; 292/DIG.21	Swanson; David A.
US 4871997 A	USPAT	19891003	Proximity sensor apparatus	340/539.23	340/531; 455/229; 455/9	Adriaenssens; Luc W. et al.
US 4859901 A	USPAT	19890822	Color CRT shadow mask with wrinkle-free corners	313/403	313/407	Thompson-Russell; Kathryn C.
US 4839502 A	USPAT	19890613	Cooking apparatus	219/401	126/20; 126/21R; 219/399; 219/405; 219/411; 219/460.1; 392/435; 426/243; 99/417	Swanson; David L. et al.
US 4837111 A	USPAT	19890606	Dosage form for dispensing drug for human therapy	424/473	424/430; 424/436	Deters; Joseph C. et al.
US 4820225 A	USPAT	19890411	Method of sealing a pump stem to a cathode ray tube envelope part	445/43	228/113	Thompson-Russell; Kathryn C. et al.
US 4816263 A	USPAT	19890328	Dosage form for treating cardiovascular diseases comprising isradipine	424/468	424/472; 604/892.1	Ayer; Atul D. et al.
US 4757184 A	USPAT	19880712	Rack loaded, radiant heated, cantilevered deck oven and method	219/400	219/386	Swanson; David L. et al.
US 4755712 A	USPAT	19880705	Molybdenum base alloy and lead-in wire made therefrom	313/331	174/50.64; 252/520.5; 313/332;	Mujahid; Mohammad et al.

						420/416; 420/429; 75/230; 75/244	
US 4754635 A	USPAT	19880705		Device for drape drawing a shadow mask for a color display tube	72/350	72/342.1; 72/347	van den Berg; Adrianus H. M. et al.
US 4731326 A	USPAT	19880315		Disease diagnosis by detection of shed normal tissue antigens	435/7.25	435/7.21; 435/7.92; 435/7.94; 436/520; 436/526; 436/531; 436/534; 436/548; 436/804; 436/813	Thompson; Russell E. et al.
US 4685321 A	USPAT	19870811		Method of drape drawing a shadow mask for a color display tube	72/347	313/402; 445/47; 72/364	van den Berg; Adrianus H. M. et al.
US 4621943 A	USPAT	19861111		Continuous prestressed concrete and method	404/70	264/228; 264/229; 404/72; 52/223.13	Swanson; David T.
US D284605 S	USPAT	19860708		Phototherapy cabinet	D24/210	D25/16	Swanson; David W. et al.
US 4587454 A	USPAT	19860506		Incandescent lamp with improved press seal	313/331	174/50.64; 313/332	Bonazoli; Robert P. et al.
US 4503837 A	USPAT	19850312		Baking oven	126/190	49/125	Smith; Gilbert L. et al.
US 4485363 A	USPAT	19841127		Signal processor using surface acoustic waves	333/193	310/313R; 333/17.1; 333/196; 708/815	Hunsinger; Billy J. et al.
US 4484921 A	USPAT	19841127		Theophylline therapy utilizing osmotic delivery	424/427	424/425; 424/431; 424/473	Swanson; David et al.
US 4439195 A	USPAT	19840327		Theophylline therapy	424/473		Swanson; David et al.
US 4419602 A	USPAT	19831206		Electric lamp	313/332		Mitamura; Zenzou et al.
US 4400986 A	USPAT	19830830		Landing gear actuator	74/128	280/766.1; 74/149	Swanson; David L. et

							al.
US 4326525 A	USPAT	19820427		Osmotic device that improves delivery properties of agent in situ	424/433	424/424; 424/427; 424/430; 424/436; 424/473	Swanson; David et al.
US D260176 S	USPAT	19810811		Phototherapy cabinet	D24/210		Boschetti; Armando et al.
US 4254300 A	USPAT	19810303		Electric lamp	174/50.64	313/331; 65/59.26	Thompson-Russell; Kathryn C.
US 4240451 A	USPAT	19801223		Differential hair engagement retainer	132/250		Thompson; Russell L.
US 4215266 A	USPAT	19800729		Baking oven	219/413	219/395; 219/396; 219/398; 219/399; 219/405	Smith; Gilbert L. et al.
US 4069971 A	USPAT	19780124		Solar air conditioning system	126/595	126/400; 126/583; 126/629; 126/643; 165/236; 165/48.2; 165/56	Swanson; David A.
US 4014412 A	USPAT	19770329		Electrically controlled brake with improved anti-rotation bracket for magnet	188/138	188/161	Swanson; David L. et al.
US 3982067 A	USPAT	19760921		Television signal amplifier apparatus for counteracting effects of unwanted signal components	348/533	348/615; 348/707	Woods; Eric R. et al.
US 3960156 A	USPAT	19760601		Quick hair end wrap for permanent wave	132/222		Thompson; Russell L.
US 3943233 A	USPAT	19760309		Processing finely divided solids on a continuous vacuum belt filter	423/332	210/401	Swanson; David B. et al.
US 3925257 A	USPAT	19751209		Sulfur recovery catalyst and production thereof from bauxite ore	502/355	423/576; 423/625	Horzepa; John P. et al.
US 3894177 A	USPAT	19750708		Signal distribution system	348/485	348/722	Howell; Norman E. et al.
US 3808566 A	USPAT	19740430		SWITCHING SYSTEM	335/152	333/101; 333/105;	Thompson; Russell G. et

						333/205; 333/243; 335/112; 361/805	al.
US 3752209 A	USPAT	19730814		WEBBING CLIP	160/327	160/371; 160/399; 160/402; 24/265C; 24/326; 24/457; 24/562	Swanson; David A.
US 3726289 A	USPAT	19730410		HAIR TREATING APPARATUS AND METHOD	132/221	132/270	Thompson; Russell L.
US 3723174 A	USPAT	19730327		PIGMENT FOR PRESSURE SENSITIVE RECORD MATERIAL	428/148	428/150; 428/452	Swanson; David B. et al.
US 3615839 A	USPAT	19711026		FUEL CELL SYSTEM WITH RECYCLE STREAM	429/16	429/34	Thompson; Russell A. et al.
US 3288320 A	USPAT	19661129		Reusable bottle cap [TEXT AVAILABLE IN USOCR DATABASE]	215/321		SWANSON DAVID L
US 3253957 A	USPAT	19660531		Fuel cell with control responsive to temperature changes [TEXT AVAILABLE IN USOCR DATABASE]	429/24		LEAVITT STANLEY L et al.
US 3216199 A	USPAT	19651109		Power conversion system [TEXT AVAILABLE IN USOCR DATABASE]	60/670	290/2	SHAW ROBERT H et al.
US 3178113 A	USPAT	19650413		Heat storage system [TEXT AVAILABLE IN USOCR DATABASE]	237/8R	126/595; 126/641; 126/643; 237/62	RICHARD CURRY et al.
US 3168807 A	USPAT	19650209		Nuclear rocket flow control [TEXT AVAILABLE IN USOCR DATABASE]	376/318	60/205; 60/228; 60/233; 60/263; 60/267	LEDWITH WALTER A et al.
US 3014553 A	USPAT	19611226		Centrifugal steam separator [TEXT AVAILABLE IN USOCR DATABASE]	96/212	55/349; 55/398	JERMAN RALPH B et al.
US 2957162 A	USPAT	19601018		Punched card to magnetic tape converter [TEXT	178/4	400/582; 400/67	HUNT JR CLAYTON

				AVAILABLE IN USOCR DATABASE]			E et al.
US 2892030 A	USPAT	19590623		Means for inverting facsimile signals derived from coded signals [TEXT AVAILABLE IN USOCR DATABASE]	178/30		THOMPSON RUSSELL G
US 2776337 A	USPAT	19570101		Facsimile film-copying apparatus [TEXT AVAILABLE IN USOCR DATABASE]	358/451	346/139A; 358/303; 358/487	THOMPSON RUSSELL G
US 2743398 A	USPAT	19560424		Electromagnetic translating device [TEXT AVAILABLE IN USOCR DATABASE]	335/229	335/259; 335/267; 335/268; 400/124.17	THOMPSON RUSSELL G
US 2659652 A	USPAT	19531117		High-speed multiplex recording apparatus [TEXT AVAILABLE IN USOCR DATABASE]	346/50	101/109; 101/399; 101/93.04; 101/93.4; 101/93.48; 101/94; 101/DIG.37; 178/30; 178/4; 335/232; 335/259; 335/268; 346/78; 347/163; 400/124.11	THOMPSON RUSSELL G
US 2646518 A	USPAT	19530721		Facsimile recording apparatus [TEXT AVAILABLE IN USOCR DATABASE]	310/21	346/101; 346/139C; 358/303	THOMPSON RUSSELL G
US 2622000 A	USPAT	19521216		Sheet clamping arrangement for facsimile apparatus [TEXT AVAILABLE IN USOCR DATABASE]	346/138	101/415.1; 178/78; 492/25	THOMPSON RUSSELL G
US 2618702 A	USPAT	19521118		Variable underlap drum facsimile transmitting apparatus [TEXT AVAILABLE IN USOCR DATABASE]	358/492	191/1R	THOMPSON RUSSELL G
US 2571785 A	USPAT	19511016		Drive mechanism for tape facsimile apparatus [TEXT	358/412	178/42; 178/92;	THOMPSON RUSSELL G

				AVAILABLE IN USOCR DATABASE]		346/101; 358/303; 358/494; 358/495	
US 2529978 A	USPAT	19501114		Facsimile copying apparatus [TEXT AVAILABLE IN USOCR DATABASE]	358/478	346/101; 346/139A; 346/78; 358/489	THOMPSON RUSSELL G
US 2510200 A	USPAT	19500606		Facsimile system with selected area scanning [TEXT AVAILABLE IN USOCR DATABASE]	358/495	347/256; 355/40; 358/496	THOMPSON RUSSELL G
US 2501552 A	USPAT	19500321		Pen or pencil holder [TEXT AVAILABLE IN USOCR DATABASE]	401/8		THOMPSON RUSSELL A
US 2385892 A	USPAT	19451002		Front hanger for convertible tandem bicycles [TEXT AVAILABLE IN USOCR DATABASE]	74/594.2	280/231; 474/160; 474/73	SWANSON DAVID A
US 2384506 A	USPAT	19450911		Envelope stuffing machine [TEXT AVAILABLE IN USOCR DATABASE]	53/460	270/58.06; 53/157; 53/284.3; 53/381.7; 53/459; 53/569	THOMPSON RUSSELL H
US 2358482 A	USPAT	19440919		Generator regulator [TEXT AVAILABLE IN USOCR DATABASE]	335/162	322/25; 322/85; 335/179	THOMPSON RUSSELL G
US 2343344 A	USPAT	19440307		Projectile [TEXT AVAILABLE IN USOCR DATABASE]	102/519		THOMPSON RUSSELL G
US 2339526 A	USPAT	19440118		Current regulating system [TEXT AVAILABLE IN USOCR DATABASE]	322/25	322/63; 322/84; 335/162	THOMPSON RUSSELL G
US 2339037 A	USPAT	19440111		Generator regulating system [TEXT AVAILABLE IN USOCR DATABASE]	322/25	322/63; 322/84	THOMPSON RUSSELL G
US 2326312 A	USPAT	19430810		Typewriting and like machine [TEXT AVAILABLE IN USOCR DATABASE]	400/692		THOMPSON RUSSELL G
US 2312737 A	USPAT	19430302		Typewriting machine [TEXT AVAILABLE IN USOCR DATABASE]	400/392	400/263; 400/386; 400/394;	THOMPSON RUSSELL G

					400/399; 400/403; 400/404; 400/435; 400/459; 400/466	
US 2289531 A	USPAT	19420714	Typewriting and like machine [TEXT AVAILABLE IN USOCR DATABASE]	400/270.2	400/256; 400/276.2; 400/278	THOMPSON RUSSELL G
US 2288860 A	USPAT	19420707	Method of surface ornamentation [TEXT AVAILABLE IN USOCR DATABASE]	427/198	101/170; 101/32; 427/401; 428/195.1	WALLACE DONALD M et al.
US 2280936 A	USPAT	19420428	Convertible tandem bicycle [TEXT AVAILABLE IN USOCR DATABASE]	301/2.5	280/231; 301/110.5; 474/116	SWANSON DAVID A
US 2279802 A	USPAT	19420414	Typewriting and like machines [TEXT AVAILABLE IN USOCR DATABASE]	400/694	384/295; 400/264; 400/266.2; 400/56	THOMPSON RUSSELL G
US 2277727 A	USPAT	19420331	Convertible tandem bicycle [TEXT AVAILABLE IN USOCR DATABASE]	474/88	280/231; 301/110.5; 301/2.5; 474/160; 74/594.2	SWANSON DAVID A
US 2254921 A	USPAT	19410902	Typewriting and like machine [TEXT AVAILABLE IN USOCR DATABASE]	400/231		THOMPSON RUSSELL G
US 2229398 A	USPAT	19410121	Foot or support for typewriting and like machines [TEXT AVAILABLE IN USOCR DATABASE]	248/616	138/99; 248/362; 248/363	THOMPSON RUSSELL G
US 2223235 A	USPAT	19401126	Typewriting machine [TEXT AVAILABLE IN USOCR DATABASE]	400/372		THOMPSON RUSSELL G
US 2185742 A	USPAT	19400102	Typewriting machine [TEXT AVAILABLE IN USOCR DATABASE]	400/286.3	400/185; 400/286.2	THOMPSON RUSSELL G
US 2163968 A	USPAT	19390627	Typewriting machine [TEXT AVAILABLE IN USOCR DATABASE]	400/256	400/259; 400/264; 400/276.2; 400/278;	THOMPSON RUSSELL G

						400/375; 400/686	
US 2160297 A	USPAT	19390530		Typewriting machine [TEXT AVAILABLE IN USOCR DATABASE]	248/635	400/689	THOMPSON RUSSELL G
US 2156001 A	USPAT	19390425		Typewriting machine [TEXT AVAILABLE IN USOCR DATABASE]	400/375	400/185; 400/192; 400/215.4; 400/216.1; 400/322; 400/330.3; 400/333.1; 400/392; 400/394; 400/440	THOMPSON RUSSELL G
US 2156000 A	USPAT	19390425		Typewriting machine [TEXT AVAILABLE IN USOCR DATABASE]	400/375	400/185; 400/255; 400/259; 400/266; 400/317; 400/375.2; 400/392; 400/394; 400/403; 400/438; 400/440; 400/686	THOMPSON RUSSELL G
US 2155999 A	USPAT	19390425		Typewriting machine [TEXT AVAILABLE IN USOCR DATABASE]	267/140.3		THOMPSON RUSSELL G
US 2142260 A	USPAT	19390103		Typewriting machine [TEXT AVAILABLE IN USOCR DATABASE]	400/661.3		THOMPSON RUSSELL G
US 2130935 A	USPAT	19380920		Upholstery [TEXT AVAILABLE IN USOCR DATABASE]	5/408		THOMPSON RUSSELL R
US 2126356 A	USPAT	19380809		Typewriting machine [TEXT AVAILABLE IN USOCR DATABASE]	400/57	400/265; 400/266; 400/355; 400/60	THOMPSON RUSSELL G
US 2123756 A	USPAT	19380712		Typewriting machine [TEXT AVAILABLE IN USOCR DATABASE]	400/375	400/185; 400/276.2; 400/308; 400/317; 400/438; 400/440;	THOMPSON RUSSELL G

						400/481; 400/496	
US 2109656 A	USPAT	19380301		Boiler and heating apparatus [TEXT AVAILABLE IN USOCR DATABASE]	122/367.2	165/185	THOMPSON ALFRED H et al.
US 2103921 A	USPAT	19371228		Typewriting machine [TEXT AVAILABLE IN USOCR DATABASE]	400/666	235/130TC; 400/375; 400/667; 400/672.2	THOMPSON RUSSELL G
US 2099762 A	USPAT	19371123		Typewriting machine [TEXT AVAILABLE IN USOCR DATABASE]	400/4	400/307.1; 400/307.2; 400/372; 400/75; 400/9	THOMPSON RUSSELL G
US 2098319 A	USPAT	19371109		Typewriting machine [TEXT AVAILABLE IN USOCR DATABASE]	400/617	400/317; 400/377; 400/621; 400/636	THOMPSON RUSSELL G
US 2093581 A	USPAT	19370921		Typewriting machine [TEXT AVAILABLE IN USOCR DATABASE]	400/17	400/75	THOMPSON RUSSELL G
US 2089310 A	USPAT	19370810		Bookkeeping machine [TEXT AVAILABLE IN USOCR DATABASE]	235/59BD		THOMPSON RUSSELL G
US 2065629 A	USPAT	19361229		Typewriting machine [TEXT AVAILABLE IN USOCR DATABASE]	400/307	400/1	THOMPSON RUSSELL G
US 2063530 A	USPAT	19361208		Typewriting machine [TEXT AVAILABLE IN USOCR DATABASE]	400/75		THOMPSON RUSSELL G
US 2000201 A	USPAT	19350507		Apparatus for writing checks [TEXT AVAILABLE IN USOCR DATABASE]	400/137	400/135; 400/215; 400/372	THOMPSON RUSSELL G
US 1996013 A	USPAT	19350326		Apparatus for remote control [TEXT AVAILABLE IN USOCR DATABASE]	400/477	400/372; 400/474; 400/77	THOMPSON RUSSELL G
US 1994544 A	USPAT	19350319		Typewriter [TEXT AVAILABLE IN USOCR DATABASE]	400/332.4		THOMPSON RUSSELL G et al.
US 1987276 A	USPAT	19350108		Apparatus for producing typewritten matter in two tones [TEXT AVAILABLE IN USOCR	400/210	400/192; 400/212; 400/216.1; 400/240;	THOMPSON RUSSELL G

			DATABASE]		400/372; 400/376	
US 1955614 A	USPAT	19340417	Typewriting machine [TEXT AVAILABLE IN USOCR DATABASE]	400/314.3	400/317.3	THOMPSON RUSSELL G et al.
US 1950762 A	USPAT	19340313	Typewriting machine [TEXT AVAILABLE IN USOCR DATABASE]	400/192	400/216.2; 400/373	THOMPSON RUSSELL G
US 1950761 A	USPAT	19340313	Typewriting machine [TEXT AVAILABLE IN USOCR DATABASE]	400/301	400/127; 400/215.1; 400/215.4; 400/216.1; 400/304; 400/332.4; 400/373	THOMPSON RUSSELL G
US 1945837 A	USPAT	19340206	Remote control apparatus [TEXT AVAILABLE IN USOCR DATABASE]	178/17.5	400/373; 400/479.1; 400/71	THOMPSON RUSSELL G
US 1945836 A	USPAT	19340206	Typewriting machine [TEXT AVAILABLE IN USOCR DATABASE]	400/75	400/373	THOMPSON RUSSELL G
US 1945097 A	USPAT	19340130	Typewriting machine [TEXT AVAILABLE IN USOCR DATABASE]	400/260	400/256; 400/277; 400/373; 400/686	THOMPSON RUSSELL G et al.
US 1940156 A	USPAT	19331219	Perforating machine [TEXT AVAILABLE IN USOCR DATABASE]	234/119	234/127	THOMPSON RUSSELL G et al.
US 1940155 A	USPAT	19331219	Power driven typewriting machine [TEXT AVAILABLE IN USOCR DATABASE]	400/669	400/372; 400/672.2	THOMPSON RUSSELL G
US 1937048 A	USPAT	19331128	Typewriting machine [TEXT AVAILABLE IN USOCR DATABASE]	400/192	400/216.1; 400/373	THOMPSON RUSSELL G et al.
US 1937047 A	USPAT	19331128	Typewriting machine [TEXT AVAILABLE IN USOCR DATABASE]	400/373	400/187; 400/333.3; 400/387; 400/392; 400/394; 400/399; 400/403; 400/433; 400/666	THOMPSON RUSSELL G
US 1934338 A	USPAT	19331107	Typewriting machine [TEXT AVAILABLE IN	400/373	400/78	THOMPSON RUSSELL G

			USOCR DATABASE]			
US 1922991 A	USPAT	19330815	Typewriting machine [TEXT AVAILABLE IN USOCR DATABASE]	400/192	400/220; 400/373	THOMPSON RUSSELL G et al.
US 1914705 A	USPAT	19330620	Typewriting machine [TEXT AVAILABLE IN USOCR DATABASE]	400/317	400/372	THOMPSON RUSSELL G
US 1913735 A	USPAT	19330613	Remote control mechanism [TEXT AVAILABLE IN USOCR DATABASE]	200/46	200/36; 200/542; 235/446	THOMPSON RUSSELL G
US 1884384 A	USPAT	19321025	Typewriting machine [TEXT AVAILABLE IN USOCR DATABASE]	400/490		THOMPSON RUSSELL G
US 1873512 A	USPAT	19320823	Typewriting machine [TEXT AVAILABLE IN USOCR DATABASE]	400/325	400/186; 400/332.1; 400/332.4; 400/373	THOMPSON RUSSELL G
US 1873511 A	USPAT	19320823	Perforating machine [TEXT AVAILABLE IN USOCR DATABASE]	234/51	234/119	THOMPSON RUSSELL G et al.
US 1873510 A	USPAT	19320823	Typewriting machine [TEXT AVAILABLE IN USOCR DATABASE]	400/75	400/663	THOMPSON RUSSELL G et al.
US 1777056 A	USPAT	19300930	Power mechanism [TEXT AVAILABLE IN USOCR DATABASE]	400/373		THOMPSON RUSSELL G
US 1777055 A	USPAT	19300930	Power mechanism [TEXT AVAILABLE IN USOCR DATABASE]	400/373	400/185; 400/312; 400/325; 400/372; 400/376; 400/54; 400/669; 400/672.2; 400/694	THOMPSON RUSSELL G
US 1775057 A	USPAT	19300902	Power-operated typewriter [TEXT AVAILABLE IN USOCR DATABASE]	400/373	400/270; 400/376; 400/430.2	THOMPSON RUSSELL G
US 1761758 A	USPAT	19300603	Typewriter [TEXT AVAILABLE IN USOCR DATABASE]	400/430.2	400/430.3; 400/435; 400/436	THOMPSON RUSSELL G
US 1753450 A	USPAT	19300408	Carriage-return mechanism [TEXT AVAILABLE IN USOCR DATABASE]	400/314.6	192/35; 192/66.31; 400/317.3; 400/339	THOMPSON RUSSELL G

US 1692962 A	USPAT	19281127		Motor controller [TEXT AVAILABLE IN USOCR DATABASE]	338/126	338/161; 338/180; 338/202	THOMPSON RUSSELL G
US 1688364 A	USPAT	19281023		Automatic typewriter [TEXT AVAILABLE IN USOCR DATABASE]	400/75	235/59T	THOMPSON RUSSELL G
US 1681267 A	USPAT	19280821		Power mechanism [TEXT AVAILABLE IN USOCR DATABASE]	74/425	12/146D	THOMPSON RUSSELL G
US 1674876 A	USPAT	19280626		Dynamo-electric machine [TEXT AVAILABLE IN USOCR DATABASE]	310/258	310/217; 310/42; 439/883	THOMPSON RUSSELL G
US 1667683 A	USPAT	19280424		Apparatus for cleansing and disinfecting [TEXT AVAILABLE IN USOCR DATABASE]	137/334	137/571; 137/576; 239/137; 239/311	THOMPSON ALFRED H et al.
US 1661710 A	USPAT	19280306		Power mechanism [TEXT AVAILABLE IN USOCR DATABASE]	400/373		THOMPSON RUSSELL G
US 1646465 A	USPAT	19271025		Power mechanism [TEXT AVAILABLE IN USOCR DATABASE]	475/271	235/62A	THOMPSON RUSSELL G et al.
US 1574765 A	USPAT	19260302		Carriage for carriers [TEXT AVAILABLE IN USOCR DATABASE]	105/154		THOMPSON RUSSELL G et al.
US 1344740 A	USPAT	19200629		Locomotive construction [TEXT AVAILABLE IN USOCR DATABASE]	105/175.1		THOMPSON RUSSELL G